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1967 CENSUS OF MANUFACTURES

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Materials Consumed



DEPARTMENT
OF COMMERCE

Bureau of
the Census

**PUBLICATION PROGRAM
1967 CENSUS OF MANUFACTURES**

Industry Series (80 reports, Series MC67(2)-20A to 39D). Each report provides information for a group of related industries (e.g., dairy products). Final figures for the United States are shown for each of the 422 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, inventories, employment, payrolls, man-hours, value added by manufacturing, number of establishments, and number of companies. Comparable statistics for earlier years are provided where available.

For each industry, data on value of shipments, value added by manufacturing, capital expenditures, employment, and payrolls are shown by geographic region and State, employment-size class of establishment, and by degree of primary product specialization.

Area Series (51 reports, Series MC67(3)-1 to 51). A separate report for each State and the District of Columbia presents data for industries and industry groups on value of shipments, value added by manufacturing, employment, payrolls, man-hours, new capital expenditures, inventories, and number of manufacturing establishments. Comparable statistics for earlier years are provided. Similar totals for all manufacturing industries are also shown for counties, standard metropolitan statistical areas and their central cities, and other cities with significant manufacturing activity. For selected standard metropolitan statistical areas and larger counties, data are shown by industry groups. The number of establishments in each major industry group is presented by size of establishment, county, standard metropolitan statistical area, and city.

Summary and Subject Series (about 12 reports, Series MC67(1)-1 to 12). Each report contains detailed final statistics for an individual subject, such as size of establishments, inventories, capital expenditures, fuels and electric energy, water consumption, and distribution of sales of manufactured products.

Special Report, Concentration Ratios in Manufacturing, MC67(S). Percent of value of shipments accounted for by the 4, 8, 20, and 50 largest companies in each 4-digit industry and in each 4- and 5-digit product group together with measures of the importance of the 200 largest companies.

After separate final reports have been issued, they will be assembled and bound as follows:

- Volume I, Summary and Subject Statistics
- Volume II, Industry Statistics
- Volume III, Area Statistics

This report is included as a chapter of U.S. Census of Manufactures: 1967, Volume I, Summary and Subject Statistics.

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James T. Lynn, Under Secretary
Harold C. Passer, Assistant Secretary for Economic Affairs
BUREAU OF THE CENSUS George Hay Brown, Director

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Introduction

GENERAL—This report from the 1967 Census of Manufactures is one of a series of reports each of which provides statistics on special subjects such as size of establishment, capital expenditures, inventories, materials consumed, etc.

These separate reports are also included in the final census volumes. The content of the three volumes follows: *Volume I, Summary Statistics*, shows comparative statistics for industries, States, and standard metropolitan statistical areas on the more important measures of the activity of manufacturing establishments—employment, payrolls, inventories, capital expenditures, value added by manufacture, etc.; *Volume II, Industry Statistics*, is a consolidation of reports for the 80 groups of industries and includes the same information as that shown in this report; *Volume III, Area Statistics*, contains general statistics (number of establishments, employment, payrolls, value added by manufacture, and capital expenditures) for each State and its important standard metropolitan statistical areas and counties, by industry groups and important individual industries. Totals for “all manufacturing” will be shown for counties and cities with more than 450 manufacturing employees.

The “Introduction” to the final volumes of the Census of Manufactures treats, at greater length, many of the subjects described in this introduction. For example, the volume text discusses the relationship of value added by manufacture to national income by industrial origin; the changes in statistical concepts over the history of the census; the valuation problems arising from intracompany transfers between manufacturing plants of a company and between manufacturing plants and sales offices and sales branches of a company.

The 1967 census is the 28th census of manufactures of the United States. The first census of manufactures covered 1809, and (with the exception of 1829) a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was resumed for 1947. Present legislation (Title 13, United States Code) provides for a census of manufactures every 5 years, with annual sample surveys authorized for interim years. Such “Annual Surveys of Manufactures” were taken during the years 1949 through 1953, 1955 through 1957, 1959 through 1962, 1964 through 1966, and for the year 1968. The current legislation stipulates that the census be conducted covering years ending in “2” and “7.” Thus, the next census will be taken in 1973 covering manufacturing activity during 1972.

The 1967 Census of Manufactures was conducted jointly with the censuses of business (wholesale, retail, and services) and mineral industries, covering the United States, Guam, and the Virgin Islands. Separate censuses of manufactures and business for 1967 were also conducted in Puerto Rico jointly with the Commonwealth Government.

COST OF MATERIALS, ETC., CONSUMED—A summary inquiry on the 1967 census report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy, actually consumed or put into production during the year and the cost of products purchased for resale, by each manufacturing establishment, whether purchased, withdrawn from inventories, or received from other establishments of the company. “Cost” was defined as the direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total “cost of materials, etc.,” separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production in 1967, (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work); (e) cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under “c”; above does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs were included with other materials cost in category “a” above.

The total excludes the cost of service used, such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc., and it excludes materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondent was asked to check, where possible, that reported costs equaled the value of shipments reported for the items by the company’s plant which produced and transferred the goods, plus the freight and other direct charges.

INDIVIDUAL MATERIALS CONSUMED—In addition to the total cost of materials which every establishment was requested to report, quantity and/or cost information was collected for selected specific materials.

Of these materials, some represent “complete coverage” materials; i.e., every manufacturing industry that consumed appreciable quantities of the materials was canvassed so that the data would represent at least 90 percent of manufacturing consumption. For the remaining “partial coverage” materials, information on consumption was obtained on a more limited basis, generally only in those industries in which the materials were important inputs. Consumption information was also collected for additional items which were produced and consumed in the same plant as part of the product sections of the report forms.

DUPLICATION IN COST OF MATERIALS AND VALUE OF PRODUCTS—The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the

products of some industries are used as materials by others. With some important exceptions, such as blast furnaces and steel mills, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry group because these totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the "Food Group" and the addition of pulp mills to paper mills in the "Paper and Allied Products Group" of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of products reported in the census of manufactures.

SCOPE OF CENSUS OF MANUFACTURES: DEFINITION OF MANUFACTURING INDUSTRIES—The 1967 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1967 edition of the *Standard Industrial Classification Manual*. This is the system of industrial classification developed over a period of years by experts on classification in government and private industry under the guidance of the Office of Management and Budget. This system of classification is in general use among government agencies and also outside the government. In 1957 the system was extensively revised and historical comparability of some data seriously affected. This revision and its effects on census series are discussed at length in the introduction and appendixes to the 1958 census volumes.

The *Standard Industrial Classification Manual* defines manufacturing as the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfers to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer.

ESTABLISHMENT BASIS OF REPORTING—The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis; i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the nonmanufacturing activities of companies primarily engaged in manufacturing.

In 1967, as in earlier years, a minimum size limit was set for including establishments in the census. Data are included for all establishments employing one or more persons at any time during the census year. The same size limitation has applied since

1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

THE CENSUS REPORT FORMS—The 1967 Census of Manufactures, similar to all those since 1947, was primarily a mail canvass. The diversity of manufacturing activities made it necessary to use over 200 different report forms to canvass the approximately 422 manufacturing industries.

From the administrative records of the Social Security Administration and from existing Bureau of the Census records, it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

In the 1967 census, for the first time, the approximately 120,000 manufacturing firms with less than 10 employees were excused from filing reports. Under special arrangements which safeguarded the confidentiality of both tax and census records, limited data on payrolls, sales, and industry classification from the administrative records of the Social Security Administration and the Internal Revenue Service were made available to the Census Bureau for use in the 1967 censuses of business, manufactures, and mineral industries. Estimates for data other than payrolls and sales for these small establishments were constructed from industry averages. The effect on industry aggregates is slight in most industries. For manufacturing as a whole, they account for less than 3 percent of the payrolls and value added.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS—Each of the establishments covered in the census was classified in one of approximately 422 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification (SIC) system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of materials used, types of customers, and the like. The resulting group of plants must be significant in terms of their number, value added by manufacturing, value of shipments, and number of employees. The application of these criteria has led to the establishment of 422 manufacturing industries. The system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,000 individual 7-digit products. In between are approximately 150 3-digit groups, 422 4-digit industries, and 1,200 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

As in earlier censuses, a number of small establishments may have been misclassified as to industry. However, such possible misclassifications have no significant effect on the statistics other than the number of establishments. As indicated above, report forms were not mailed to very small establishments (less than 10

employees). The industry classifications for these establishments were assigned on the basis of brief descriptions of the general activity of the establishment. Where the description is incomplete or there are relatively fine lines of demarcation between industries or between manufacturing and nonmanufacturing activity, the code assigned to an establishment could differ from that which would have been assigned on the basis of more complete product information. Therefore, the total establishment count should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 or more employees are far more reliable than the total number of establishments.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The general statistics (employment, inventories, value added by manufacture, total value of shipments including resales and miscellaneous receipts, etc.) shown for an industry, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature.

However in many industries establishments making products falling into the same industry category may use a variety of processes and materials to produce them. Also, within the same industry classification based on end products may be included establishments which are highly integrated and those which put only the finishing touches on an already highly fabricated item. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant.

On the other hand, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, separate industry categories have been established for integrated and nonintegrated establishments.

CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMPANIES—The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take preference over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries.

ABBREVIATIONS—The following abbreviations and symbols occur frequently, both in the census tables and footnotes:

—	zero
X	not applicable
NA	not available
D	withheld to avoid disclosing figures for individual companies
n.e.c.	not elsewhere classified
n.s.k.	not specified by kind
lin.	linear
equiv.	equivalent
SIC	Standard Industrial Classification

Chapter 6

Materials Consumed

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MATERIALS CONSUMED

This chapter presents a compilation of the detailed statistics on materials. In using the data on materials consumed, the following limitations should be noted:

1. Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the material was used in each of various products. Thus, the industry totals represent consumption in secondary products as well as primary products of the industry represented. The extent of secondary production is measured by the specialization and coverage ratios shown in table 5A of the industry chapters. (See Volume II.)
2. Attention should be paid to code 976000 captioned "materials, parts, containers, and supplies not specified by kind." The amounts appearing on these lines represent imputed totals for establishments whose statistics were developed by use of administrative records and totals for other establishments which failed to report their consumption in specific terms. Thus, for most industries the specific categories are understated. A judgment on the statistical significance of the understatement for each industry may be made on the basis of the relationship of the value shown for the code 976000 line compared with the total of materials, components, parts, containers, and supplies for the industry.
3. Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000. The use of this cutoff is not believed to have had a significant effect on the totals.

Tables 7A at the end of this chapter are reprinted from the series of 80 industry reports.

TABLE 1A. Grains Consumed, by Selected Industries: 1967 and 1963

Code	Industry	1967		1963		1967		1963	
		Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)	Quantity (million bushels)	Delivered cost (million dollars)
		WHEAT (011371)				CORN (011301, 011321, 011322)			
	Total.....	574.1	1,406.4	628.9	1,393.4	748.4	1,026.2	632.0	860.2
2041	Flour and other grain mill products.....	531.2	1,328.4	583.1	1,312.8	92.8	130.5	85.6	111.4
2042	Prepared feeds for animals and fowls.....	30.3	51.5	30.2	53.1	369.0	500.8	311.2	420.0
2043	Cereal preparations.....	12.6	24.7	14.1	24.6	9.5	18.1	10.0	16.3
2045	Blended and prepared flour.....	(Z)	1.8	1.5	2.9	(Z)	(Z)	1.4	1.9
2046	Wet corn milling.....	-	-	-	-	224.1	289.1	171.5	233.1
2082	Malt liquors.....	-	-	-	-	19.9	39.5	20.2	35.3
2083	Malt.....	-	-	-	-	53.1	48.2	32.1	42.2
2085	Distilled liquor, except brandy.....	=	-	-	-	-	-	-	-
		OATS (011331)				BARLEY (011311)			
	Total.....	103.6	92.5	99.5	81.6	133.1	195.1	125.3	166.1
2041	Flour and other grain mill products.....	19.4	18.4	13.5	10.2	2.8	3.3	3.3	3.6
2042	Prepared feeds for animals and fowls.....	59.1	53.1	63.7	53.8	32.2	38.6	38.5	40.9
2043	Cereal preparations.....	25.1	21.0	22.3	17.6	1.6	2.2	.7	1.1
2045	Blended and prepared flour.....	-	-	-	-	-	-	-	-
2046	Wet corn milling.....	-	-	-	-	-	-	-	-
2082	Malt liquors.....	-	-	-	-	2.9	5.6	3.7	7.2
2083	Malt.....	-	-	-	-	93.6	145.4	79.1	113.3
2085	Distilled liquor, except brandy.....	-	-	-	-	-	-	-	-

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1B. Wheat Flour, Semolina and Durum Flour Consumed, by Selected Industries: 1967 and 1963

Code	Industry	Wheat flour, except semolina and durum (204110 and 204119)				Semolina and durum flour (204115)			
		1967		1963		1967		1963	
		Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)
	Total.....	48,715.0	932.7	41,717.0	849.3	9,699.5	72.9	9,881.6	63.2
2032	Canned specialties.....	2,077.5	15.4	1,479.4	10.4	-	-	-	-
2037	Frozen fruits and vegetables.....	2,520.0	15.4	2,877.6	16.1	-	-	-	-
2041	Flour and other grain mill products.....	7,292.9	40.7	3,479.3	18.5	-	-	-	-
2042	Prepared feeds for animals and fowls.....	8,234.4	23.3	5,946.0	15.7	-	-	-	-
2043	Cereal preparations.....	1,873.1	14.2	2,386.7	14.6	-	-	-	-
2045	Blended and prepared flour.....	11,787.4	71.4	10,974.5	64.6	-	-	-	-
2051	Bread, cake, and related products.....	10,213.0	602.2	9,579.0	578.7	-	-	-	-
2052	Cookies and crackers.....	2,392.9	135.8	2,268.6	115.3	-	-	-	-
2098	Macaroni and spaghetti.....	822.9	5.5	990.7	6.3	9,699.5	72.9	9,881.6	63.2
2099	Food preparations, n.e.c.....	1,500.9	8.8	1,735.2	9.1	-	-	-	-

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 1C. Refined Sugar (Cane and Beet - 206011) Consumed, by Selected Industries: 1967 and 1963

Code	Industry	1967		1963	
		Quantity (1,000 cwt)	Delivered cost (million dollars)	Quantity (1,000 cwt)	Delivered cost (million dollars)
	Total.....	102,509.9	1,170.3	92,528.9	1,094.1
2021	Creamery butter.....	95.3	.9	757.4	8.0
2022	Cheese, natural and processed.....	27.3	.3	54.4	.6
2023	Condensed and evaporated milk.....	2,503.0	26.2	1,492.3	14.5
2024	Ice cream and frozen desserts.....	4,023.5	37.2	3,879.7	39.5
2026	Fluid milk.....	4,119.3	42.0	3,419.2	35.7
2032	Canned specialties.....	1,286.3	12.5	1,710.1	16.8
2033	Canned fruits and vegetables.....	11,377.2	110.8	12,211.7	117.8
2034	Dehydrated food products.....	279.8	2.9	166.7	1.6
2035	Pickles, sauces, and salad dressings.....	2,293.6	23.2	2,666.1	26.7
2037	Frozen fruits and vegetables.....	2,933.4	29.0	2,408.5	24.4
2041	Flour and other grain mill products.....	2,260.1	22.5	1,541.5	14.5
2042	Prepared feeds for animals and fowls.....	2,112.4	12.3	1,025.3	8.2
2043	Cereal preparations.....	2,919.8	28.1	2,665.9	25.0
2045	Blended and prepared flour.....	3,839.1	38.5	4,221.9	42.4
2051	Bread, cakes, and related products.....	1,386.1	129.2	1,296.2	128.1
2052	Cookies and crackers.....	644.0	64.3	604.8	59.9
2071	Confectionery products.....	12,961.1	128.1	12,718.2	129.3
2072	Chocolate and cocoa products.....	5,595.3	54.9	5,131.8	52.8
2073	Chewing gum.....	1,754.8	17.4	1,450.9	14.3
2082	Malt liquors.....	373.6	2.5	274.4	2.2
2086	Bottled and canned soft drinks.....	18,233.2	183.9	14,448.7	153.7
2087	Flavoring extracts and sirups, n.e.c.....	16,003.2	149.8	13,078.3	125.5
2099	Food preparations, n.e.c.....	5,488.5	53.8	5,304.9	52.4

TABLE 1D. Dairy Products Consumed, by Selected Industries: 1967 and 1963

Code	Industry	Cheese other than cottage (202210)		Ice cream and ice milk mix (202401)		Skim milk (fluid) (202612)	
		Quantity (million lbs)	Delivered cost (million dollars)	Quantity (million gals)	Delivered cost (million dollars)	Quantity (million cwt)	Delivered cost (million dollars)
		1967					
	Total.....	1,273.2	581.8	100.5	95.4	60.5	113.1
2021	Creamery butter.....	(D)	(D)	(D)	(D)	7.8	11.6
2022	Cheese, natural and processed.....	1,258.2	574.3	(D)	(D)	3.9	5.7
2023	Condensed and evaporated milk.....	(D)	(D)	1.3	1.5	26.4	39.6
2024	Ice cream and frozen desserts.....	-	-	61.9	55.8	1.3	4.4
2026	Fluid milk.....	7.7	3.6	36.7	37.6	21.1	51.8
		1963					
	Total.....	861.7	317.3	107.8	94.2	95.0	93.4
2021	Creamery butter.....	3.5	1.2	0.9	1.0	14.4	14.6
2022	Cheese, natural and processed.....	848.3	312.0	(D)	(D)	5.4	5.5
2023	Condensed and evaporated milk.....	(D)	(D)	(D)	(D)	48.5	39.0
2024	Ice cream and frozen desserts.....	(D)	(D)	62.0	55.1	1.3	2.3
2026	Fluid milk.....	(D)	(D)	44.2	37.9	25.3	32.0

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

**TABLE 1E. Finfish, Round (091211), Consumed, by Selected Industries:
1967 and 1963**

Code	Industry	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	Total.....	705.6	240.4	723.1	213.1
2031	Canned and cured seafoods.....	402.8	137.6	476.8	126.9
2036	Fresh or frozen packaged fish.....	^e 302.8	^e 102.8	246.3	86.2

^eFrom 10 to 30 percent of this item was estimated.

**TABLE 2A. Newsprint (262111 and 262112) Consumed, by Selected Industries:
1967 and 1963**

Code	Consuming Industry	1967		1963	
		Purchased quantity (1,000 short tons)	Delivered cost (million dollars)	Purchased quantity (1,000 short tons)	Delivered cost (million dollars)
	Total newsprint consumed in selected industries.....	(X)	1,385.2	(X)	1,071.1
2711	Newspapers.....	7,870.4	1,094.7	6,616.3	889.3
2721	Periodicals.....	185.8	29.0	159.9	23.3
2731	Book publishing.....	41.6	57.8	28.8	5.6
2732	Book printing.....	(X)	5.4	(X)	4.4
2741	Miscellaneous publishing.....	(X)	79.5	(X)	53.6
2751	Commercial printing, except lithographic.....	(X)	76.6	(X)	68.0
2752	Commercial printing, lithographic.....	(NA)	37.0	(NA)	14.7
2761	Manifold business forms.....	(NA)	5.2	(NA)	4.1
2649	Converted paper products, n.e.c.	(NA)	(NA)	28.8	3.7
	All other industries.....	(NA)	(NA)	34.1	4.4

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available (D) Withheld to avoid disclosing figures for individual companies.

**TABLE 2B. Cost of Paperboard Boxes and Containers, Including Folding,
Corrugated and Setup, by Industries: 1967 and 1963**

Code	Consuming Industries	Delivered cost (million dollars)	
		1967	1963
	Total.....	688.3	524.7
2032	Canned specialties.....	22.8	17.8
2033	Canned fruits and vegetables.....	48.0	42.6
2037	Frozen fruits and vegetables.....	115.0	89.7
2514	Metal household furniture.....	17.2	14.8
2521	Wood office furniture.....	2.3	1.5
2522	Metal office furniture.....	13.4	7.3
2531	Public building furniture.....	4.0	3.2
2541	Wood partitions and fixtures.....	2.2	1.2
2542	Metal partitions and fixtures.....	6.9	5.8
2831	Biological products.....	2.5	1.9
2834	Pharmaceutical preparations.....	68.5	55.1
2841	Soap and other detergents.....	114.8	90.3
2842	Polishes and sanitation goods.....	14.7	9.1
3221	Glass containers.....	158.3	100.5
3229	Pressed and blown glass, n.e.c.....	28.5	23.6
3231	Products of purchased glass.....	7.4	4.5
3941	Games and toys.....	46.4	38.8
3942	Dolls.....	3.1	6.4
3943	Children's vehicles, except bicycles.....	2.4	1.6
3949	Sporting and athletic goods, n.e.c.....	9.9	9.0

Table 3A. Chemicals Consumed, by Selected Industries: 1967

Code	Industry	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (million dollars)	
SULFUR (NATIVE AND RECOVERED) (Quantity in 1,000 long tons)					
	Total.....	(NA)	(NA)	245.7	-
2611	Pulpmills.....	160.4	160.4	6.5	-
2621	Papermills, except building paper.....	250.4	250.4	10.0	-
2631	Paperboard mills.....	(NA)	(NA)	2.2	-
2815	Cyclic intermediates and crudes.....	180.0	180.0	6.5	-
2818	Industrial organic chemicals, n.e.c.....	665.0	665.0	22.6	-
2819	Industrial inorganic chemicals, n.e.c.....	2,431.4	2,431.4	89.8	-
2871	Fertilizers.....	2,965.7	2,965.7	108.1	-
SULFURIC ACID (281930 AND 281931) (Quantity in 1,000 short tons of 100% Cl ₂ H ₂ SO ₄)					
	Total.....	(NA)	(NA)	200.3	(NA)
2815	Cyclic intermediates and crudes.....	477.1	193.6	6.8	283.5
2818	Industrial organic chemicals, n.e.c.....	1,702.0	1,112.6	24.1	589.5
2819	Industrial inorganic chemicals, n.e.c.....	3,358.6	1,650.2	30.8	1,708.4
2821	Plastics materials and resins.....	(D)	340.0	6.5	(D)
2822	Synthetic rubber.....	61.3	61.3	1.1	-
2823	Cellulosic manmade fibers.....	518.6	518.6	10.3	-
2824	Organic fibers, noncellulosic.....	39.1	39.1	0.7	-
2871	Fertilizers.....	10,959.9	2,432.8	39.3	8,527.1
2872	Fertilizers, mixing only.....	174.1	174.1	4.0	-
2892	Explosives.....	(NA)	370.4	8.5	(NA)
2911	Petroleum refining.....	(NA)	1,952.2	40.0	(NA)
3312	Blast furnaces and steel mills.....	(NA)	1,088.8	27.6	(NA)
3315	Steel wire and related products.....	(NA)	(NA)	0.6	(NA)
CHLORINE (281211) (Quantity in 1,000 short tons of 100% Cl ₂)					
	Total.....	(NA)	(NA)	(NA)	(NA)
2611	Pulpmills.....	(NA)	302.3	18.1	(NA)
2621	Papermills, except building paper.....	(NA)	475.6	28.1	(NA)
2631	Paperboard mills.....	(NA)	203.5	11.8	(NA)
2812	Alkalies and chlorine.....	493.8	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	324.1	210.8	10.9	113.4
2818	Industrial organic chemicals, n.e.c.....	4,594.6	1,505.4	71.9	3,089.2
2819	Industrial inorganic chemicals, n.e.c.....	(S)	215.3	13.4	(S)
SODIUM HYDROXIDE (281238) (Quantity in 1,000 short tons of 100% NaOH)					
	Total.....	(NA)	(NA)	(NA)	(NA)
2611	Pulpmills.....	(NA)	(S)	21.8	(NA)
2621	Papermills, except building paper.....	(NA)	365.3	20.4	(NA)
2631	Paperboard mills.....	(NA)	303.7	16.1	(NA)
2812	Alkalies and chlorine.....	349.7	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	248.3	158.9	8.9	89.4
2818	Industrial organic chemicals, n.e.c.....	(S)	613.7	27.8	(S)
2819	Industrial inorganic chemicals, n.e.c.....	733.5	686.6	29.1	46.9
2821	Plastics materials and resins.....	189.6	189.6	6.0	-
2822	Synthetic rubber.....	51.9	51.9	1.6	-
2823	Cellulosic manmade fibers.....	299.7	299.7	13.3	-
2841	Soap and other detergents.....	273.0	273.0	18.6	-
2842	Polishes and sanitation goods.....	(S)	(S)	1.7	-
2911	Petroleum refining.....	277.8	277.8	14.3	-
2992	Lubricating oils and greases.....	7.7	7.7	.6	-
SODIUM CARBONATE ¹ (281228) (Quantity in 1,000 short tons of 58% Na ₂ O)					
	Total.....	(NA)	(NA)	(NA)	(NA)
2621	Papermills, except building paper.....	217.2	217.2	8.3	-
2631	Paperboard mills.....	163.1	163.1	6.2	-
2812	Alkalies and chlorine.....	364.3	(NA)	(NA)	(NA)
2818	Industrial organic chemicals, n.e.c.....	56.5	48.0	2.0	8.5
2819	Industrial inorganic chemicals, n.e.c.....	1,599.0	(D)	(D)	(D)
2841	Soap and other detergents.....	194.4	194.4	7.6	-
2842	Polishes and sanitation goods.....	(S)	(S)	0.7	-
3211	Flat glass.....	386.5	386.5	13.5	-
3221	Glass containers.....	1,979.0	1,979.0	70.1	-
3229	Pressed and blown glass, n.e.c.....	236.2	236.2	8.0	-

See footnotes at end of table.

TABLE 3A. Chemicals Consumed, by Selected Industries: 1967-Continued

Code	Industry	Total quantity	Purchased		Quantity produced and consumed
			Quantity	Delivered cost (million dollars)	
		AMMONIA (281912) (Quantity in 1,000 short tons of 100% NH ₃)			
	Total.....	5,768.0	(NA)	(NA)	(NA)
2812	Alkalies and chlorine.....	24.7	(D)	(D)	(D)
2815	Cyclic intermediates and crudes.....	130.8	60.8	3.5	70.0
2818	Industrial organic chemicals, n.e.c.....	1,203.7	510.2	23.8	693.5
2819	Industrial inorganic chemicals, n.e.c.....	3,160.3	696.4	33.1	2,463.9
2871	Fertilizers.....	869.7	869.7	49.6	-
2872	Fertilizers, mixing only.....	152.7	152.7	11.6	-
2892	Explosives.....	226.1	226.1	13.2	-
		NITRIC ACID (281911) (Quantity in 1,000 short tons of 100% HNO ₃)			
	Total.....	(NA)	(NA)	22.5	(NA)
2815	Cyclic intermediates and crudes.....	288.7	65.7	4.2	223.0
2818	Industrial organic chemicals, n.e.c.....	(S)	(S)	14.1	(S)
2819	Industrial inorganic chemicals, n.e.c.....	3,074.5	93.9	4.2	2,980.6
		SODIUM SULFATE (281976) (Quantity in 1,000 short tons of 100% Na ₂ SO ₄)			
	Total.....	1,480.3	1,480.3	43.7	-
2611	Pulpmills.....	156.5	156.5	4.7	-
2621	Papermills, except building paper.....	601.8	601.8	17.5	-
2631	Paperboard mills.....	722.0	722.0	21.5	-

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.
 (X) Not applicable.
 n.e.c. Not elsewhere classified.
¹Includes data for liquid ash.

TABLE 3B. Rubber Consumed by Selected Industries: 1967 and 1963

Code	Industry	Natural rubber (08111, 086113, and 086115)				Synthetic rubber (282202 to 282209 inclusive)				Reclaimed rubber (303101)			
		1967		1963		1967		1963		1967		1963	
		Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)	Quantity (1,000 long tons)	Value (million dollars)
	Total.....	(NA)	(NA)	436.8	262.7	(NA)	(NA)	1,208.0	616.0	¹ 222.6	42.5	¹ 258.3	49.4
3011	Tires and inner tubes.....	339.5	156.8	298.0	170.2	² 1,022.9	442.4	² 793.8	361.3	³ 156.4	32.1	³ 175.5	36.4
3021	Rubber footwear.....	16.1	8.2	18.0	10.5	(D)	(D)	13.6	6.9	.8	.2	³ 1.3	.2
3031	Reclaimed rubber.....	130.3	68.2	116.2	79.1	423.7	256.3	353.8	221.8	³ 65.4	10.2	³ 81.5	12.8
3069	Fabricated rubber products, n.e.c.....												
3357	Nonferrous wire drawing, etc.....	(D)	(D)	4.6	2.9	49.3	28.7	46.9	26.1	(NA)	(NA)	(NA)	(NA)

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
 n.e.c. Not elsewhere classified.

¹Quantities include 37,194 long tons of reclaimed rubber produced and consumed in the same establishment in 1967, and 43,642 long tons in 1963. Value of this rubber is not reflected in the "Delivered cost" column.

²Quantities include less than 1 percent synthetic rubber produced and consumed in the same establishment. Value of this rubber is not reflected in the "Delivered cost" column.

³Quantities include the following percentages of reclaimed rubber which were produced and consumed in the same establishment: Industry 3011, between 12 and 15 percent; Industry 3021, between 25 and 50 percent; Industries 3031 and 3069, between 20 and 25 percent. Value of this rubber is not reflected in the "delivered cost" column.

METALS, BEARINGS, AND MOTORS

This section presents data on the consumption of selected metal mill shapes and forms, castings, forgings, bearings, and motors.

METAL MILL SHAPES, CASTINGS, AND FORGINGS

The materials used by the metal fabricating industries in producing machinery, automobiles, and thousands of other products consist primarily of metal mill shapes and forms, castings, and forgings. The tables which follow show the consumption, in terms of cost and quantity, of the most important of these metals--iron and steel, aluminum and aluminum-base alloys, and copper and copper-base alloys. No data are available for copper and copper-base alloy forgings.

The steel mill shapes are shown separately for three grades of steel: carbon, alloy, and stainless. Carbon steel is subdivided into six shapes, alloy steel into two shapes, while stainless steel is shown in total only.

The copper and copper-base alloy mill shapes are subdivided as follows: Bare wire for electrical conduction; insulated wire and cable; rod, bar, and mechanical wire; plate, sheet, and strip; and pipe and tube. There is a degree of duplication in the consumption of copper and copper-base mill shapes because of the inclusion in these tables of both bare wire for electrical conduction and insulated wire and cable. However, the consumption of bare wire by insulators of wire and cable is shown separately.

The aluminum and aluminum-base alloy mill shapes are subdivided as follows: Sheet, plate and foil; extruded shapes; and all other mill shapes.

For castings, consumption data are shown separately for iron, steel, aluminum and aluminum-base alloy, and copper and copper-base alloy. Forgings are shown separately for iron and steel and aluminum and aluminum-base alloy.

INDUSTRY COVERAGE

General.--The tables on consumption by industry include data for approximately 100 metal-fabricating industries. These represent all significant users of metal in manufacturing, and are covered by Major Group 34, "Fabricated Metal Products," through Major Group 37, "Transportation Equipment," and several additional miscellaneous industries, including Major Group 25, "Furniture and Fixtures."

Although there were other metal consuming industries from which consumption data were either not collected or the quantities reported failed publication standards, the omission of these industries affects coverage only slightly.

To relieve very small metal consumers from reporting amounts negligible in terms of total consumption, a minimum usage requirement was established. Expenditures of less than \$5,000 for each shape or form were exempt from reporting both in terms of cost and quantity. It is estimated that the use of this minimum reporting requirement on the coverage of these materials would not, as a maximum, equal 2 percent of total manufacturing consumption.

When comparing consumption data with production figures, it should be noted that the consumption data cover manufacturing industries only. Consumption of these metal shapes in on-site construction, mining, farm uses, construction and maintenance of power lines, and in other nonmanufacturing areas, such as export, is not covered.

DEFINITION OF METAL MILL SHAPES AND FORMS

Although the inquiry on metals consumed on the 1967 census schedules did not include a definition of the metal shapes specified, the metal fabricating companies' familiarity with the terms and their meaning provided a high degree of uniformity in reporting. The term "bars and bar shapes" appearing in the tables showing steel consumption, includes hot-rolled and cold-finished bars, and tool-steel bars; "sheet and strip" includes hot- and cold-rolled, galvanized, and long ternes, but excludes tin plate, terne plate, and black plate; "wire and wire products" includes plain, galvanized, and other coated wire, as well as nails and spikes and the like; "all other carbon steel mill shapes and forms" includes ingots, billets, wire rods, concrete reinforcing bars, tin plate, terne plate, black plate, pipe, tubing, and rails, but not forgings or materials fabricated beyond the steel mill level.

The terms copper and copper-base alloy and aluminum rolled, drawn, and extruded shapes are similar to the steel mill products listed above; i.e., sheets, bars, tubing, wire, etc. They do not include wire bars, ingots, or other unrolled forms of copper or aluminum.

The data for bare copper wire are limited to wire for electrical conduction. Data for nonelectrical copper wire are included with rod and bar. The data for copper and copper-base alloy plate, sheet, and strip also include military cups and discs.

The castings (iron and steel, etc.) reported are only those in the rough and semifinished forms in which they are usually received from foundries. Castings, which had undergone extensive machining or other operations prior to their receipt at the consuming establishment, were considered as fabricated products rather than rough castings, and are not included in these data. However, such castings are reported as consumed by the establishments performing the machining operations.

Forgings.--To avoid duplication, data showing the consumption of iron and steel forgings are excluded from the totals for steel consumption since the quantities of forging stock, ingots, billets, and bars, used by the forging plants, are included in steel mill shapes and forms consumed. For this reason establishments in Industry 3391, "Iron and Steel Forgings" are classified as metal fabricators in table 4A rather than as producers of primary metals. In like manner, establishments in Industry 3392, "Nonferrous Forgings" are classified as metal fabricators in table 4C rather than as producers of aluminum and aluminum-base alloy mill shapes.

Bearings and Motors.--The consumption figures for bearings and motors account for most of the amounts used by establishments classified in manufacturing. The shipments figures for these products, however, also include amounts for exports, for use in nonmanufacturing activities, and for replacement and repair.

Comparable data for the year 1963 are available in Chapter 8, Volume I. Summary Statistics, 1963 Census of Manufactures.

TABLE 4A. Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry ¹	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	Steel producing and fabricating industries, total.....	73,794.0	(X)	8,001.8	(X)	30,946.5	(X)	7,657.2	(X)
	Steel producing industries, total ³	4,605.9	(X)	210.5	(X)	848.2	(X)	79.0	(X)
	Steel fabricating industries, total ⁴ ..	⁵ 69,188.1	⁵ 13,746.0	7,791.3	1,490.2	30,098.3	4,902.0	7,578.2	1,200.8
25	Furniture and fixtures.....	1,773.8	324.2	(X)	(X)	1,506.0	248.0	(X)	(X)
30	Rubber and plastics products, n.e.c.....	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)
32	Stone, clay and glass products.....	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries.....	⁵ 2,106.9	⁵ 410.3	933.9	145.7	(X)	(X)	(X)	(X)
34	Fabricated metal products.....	35,287.9	6,637.3	2,217.3	419.6	14,827.5	2,408.2	3,293.2	504.9
35	Machinery, except electrical.....	9,767.3	2,402.8	2,274.3	500.3	2,725.4	487.1	2,045.5	345.7
36	Electrical equipment and supplies.....	5,739.0	1,117.3	548.5	106.6	3,684.1	595.5	166.3	24.8
37	Transportation equipment.....	12,782.8	2,333.9	(D)	(D)	(D)	(D)	(D)	(D)
38	Instruments and related products.....	139.6	60.3	(D)	(D)	58.3	11.5	(D)	(D)
39	Miscellaneous manufacturing industries.....	322.4	110.4	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordinance and accessories.....	1,052.2	290.8	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	1,773.8	324.2	(X)	(X)	1,506.0	248.0	(X)	(X)
2514	Metal household furniture.....	(NA)	74.7	(X)	(X)	283.2	43.1	(X)	(X)
2515	Mattresses and bedsprings.....	62.8	11.9	(X)	(X)	42.5	8.2	(X)	(X)
2521	Wood office furniture.....	14.4	4.3	(X)	(X)	9.9	2.8	(X)	(X)
2522	Metal office furniture.....	515.5	82.1	(X)	(X)	450.7	71.9	(X)	(X)
2531	Public building furniture.....	110.4	20.7	(X)	(X)	91.3	15.2	(X)	(X)
2541	Wood partitions and fixtures.....	(NA)	5.0	(X)	(X)	15.5	2.5	(X)	(X)
2542	Metal partitions and fixtures.....	(NA)	94.2	(X)	(X)	^e 494.8	82.4	(X)	(X)
2591	Venetian blinds and shades.....	(NA)	19.8	(X)	(X)	^e 86.6	16.8	(X)	(X)
2599	Furniture and fixtures, n.e.c.....	(NA)	11.5	(X)	(X)	^e 31.5	5.1	(X)	(X)
36	Rubber and plastics products, n.e.c.....	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)
3011	Tires and inner tubes.....	68.9	27.0	(X)	(X)	(X)	(X)	(X)	(X)
3031	Reclaimed rubber.....	27.8	13.3	(X)	(X)	(X)	(X)	(X)	(X)
3069	Fabricated rubber products, n.e.c.....								
32	Stone, clay, and glass products.....	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)
3271	Concrete block and brick.....	8.0	1.5	(X)	(X)	(X)	(X)	(X)	(X)
3272	Concrete products, n.e.c.....	111.5	16.9	(X)	(X)	(X)	(X)	(X)	(X)
33	Primary metal industries.....	2,144.1	429.3	⁵ 933.9	⁵ 145.7	(X)	(X)	(X)	(X)
3391	Iron and steel forgings.....	2,106.9	410.3	933.9	145.7	(X)	(X)	(X)	(X)
34	Fabricated metal products.....	35,287.9	6,637.3	2,217.3	419.6	14,827.5	2,408.2	3,293.2	504.9
3411	Metal cans.....	5,348.4	1,180.7	(NA)	(NA)	(NA)	(NA)	(X)	(X)
3421	Cutlery.....	25.6	14.3	3.5	0.6	13.1	4.0	-	-
3423	Hand and edge tools, n.e.c.....	213.0	53.3	89.6	19.7	64.5	14.6	(D)	(D)
3425	Handsaws and saw blades.....	27.5	28.9	(D)	(D)	6.9	6.6	1.3	0.7
3429	Hardware, n.e.c.....	1,049.3	222.6	103.1	19.2	746.1	124.5	(D)	(D)
3431	Metal sanitary ware.....	48.3	14.0	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	7.3	2.3	(X)	(X)	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	429.0	78.4	11.5	2.4	325.5	52.1	61.5	11.5
3441	Fabricated structural steel.....	5,367.8	859.4	376.4	59.9	377.3	64.6	1,047.2	162.2
3442	Metal doors, sash, and trim.....	318.0	64.4	(D)	(D)	243.1	40.4	6.7	1.1
3443	Fabricated platework (boiler shops).....	2,883.5	569.2	89.6	15.1	449.7	69.6	1,652.8	248.7
3444	Sheet metalwork.....	1,653.3	302.7	(D)	(D)	1,398.8	245.1	53.0	8.4
3446	Architectural metalwork.....	754.5	109.6	66.8	11.9	512.9	68.0	(D)	(D)
3449	Miscellaneous metalwork.....	2,323.6	333.0	323.3	45.5	645.3	115.6	105.0	18.5
3451	Screw machine products.....	401.4	119.6	328.2	85.0	11.1	2.3	0.6	0.2
3452	Bolts, nuts, rivets, and washers.....	1,381.2	296.5	329.5	57.4	184.9	35.3	34.0	4.3
3461	Metal stampings.....	9,329.8	1,617.1	145.8	33.9	8,191.3	1,300.1	133.8	19.9
3481	Miscellaneous fabricated wire products.....	1,186.0	288.1	36.8	6.9	98.5	22.6	(X)	(X)
3491	Metal barrels, drums, and pails.....	953.6	144.1	(D)	(D)	844.6	125.9	(X)	(X)
3492	Safes and vaults.....	38.3	9.7	(D)	(D)	(D)	(D)	(X)	(X)

See footnotes at end of table.

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331025, 331029, 331044, and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048, and 331049)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
5,316.1	(X)	3,630.9	(X)	12,511.6	(X)	2,073.6	(X)	2,614.0	(X)	741.7	(X)	
202.9	(X)	750.1	(X)	1,507.1	(X)	50.4	(X)	615.8	(X)	41.8	(X)	
5,113.2	839.0	2,880.8	690.0	11,004.5	2,284.7	2,023.2	632.8	1,998.2	842.5	699.9	864.0	
(X)	(X)	(X)	(X)	202.3	52.4	(X)	(X)	54.1	12.1	11.4	11.7	25
(X)	(X)	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30
(X)	(X)	(X)	(X)	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)	32
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	33
3,480.0	561.9	1,986.0	400.1	8,340.0	1,690.0	426.5	109.7	432.0	167.8	285.4	335.1	34
714.3	128.3	157.1	65.3	563.4	153.4	604.2	251.1	495.3	229.7	187.8	241.9	35
67.1	12.8	369.2	77.5	491.1	91.5	19.9	9.8	344.5	140.7	48.3	58.1	36
832.5	131.2	260.8	61.5	370.9	107.5	486.6	124.4	225.8	106.2	90.3	128.7	37
(D)	(D)	3.9	2.8	23.6	10.5	1.7	1.0	6.4	2.0	13.6	21.1	38
(X)	(X)	(X)	(X)	245.1	58.3	(X)	(X)	39.7	16.9	37.1	35.3	39
(D)	(D)	7.1	2.5	152.1	34.9	69.4	36.1	158.7	94.8	6.1	8.3	19
(X)	(X)	(X)	(X)	202.3	52.4	(X)	(X)	54.1	12.1	11.4	11.7	25
(X)	(X)	(X)	(X)	(NA)	24.7	(X)	(X)	(NA)	3.2	(NA)	3.7	2514
(X)	(X)	(X)	(X)	20.3	3.7	(X)	(X)	(X)	(X)	(X)	(X)	2515
(X)	(X)	(X)	(X)	(S)	1.5	(X)	(X)	(X)	(X)	(X)	(X)	2521
(X)	(X)	(X)	(X)	e31.3	6.5	(X)	(X)	e33.1	3.1	e0.4	0.6	2522
(X)	(X)	(X)	(X)	e15.1	3.8	(X)	(X)	e3.7	1.3	e0.3	0.4	2531
(X)	(X)	(X)	(X)	e3.9	1.2	(X)	(X)	(NA)	0.6	(NA)	0.7	2541
(X)	(X)	(X)	(X)	(NA)	8.4	(X)	(X)	(NA)	1.6	(NA)	1.8	2542
(X)	(X)	(X)	(X)	(NA)	1.0	(X)	(X)	(NA)	2.0	(X)	(X)	2591
(X)	(X)	(X)	(X)	e7.8	1.6	(X)	(X)	(NA)	0.3	(NA)	4.5	2599
(X)	(X)	96.7	40.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	30
(X)	(X)	68.9	27.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3011
(X)	(X)	27.8	13.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3031
(X)	(X)	(X)	(X)	119.5	18.4	(X)	(X)	(X)	(X)	(X)	(X)	3069
(X)	(X)	(X)	(X)	8.0	1.5	(X)	(X)	(X)	(X)	(X)	(X)	32
(X)	(X)	(X)	(X)	111.5	16.9	(X)	(X)	(X)	(X)	(X)	(X)	3271
(X)	(X)	(X)	(X)	5496.5	567.8	5414.9	5100.7	5241.7	572.3	519.9	523.8	3272
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	33
(X)	(X)	(X)	(X)	496.5	67.8	414.9	100.7	241.7	72.3	19.9	23.8	3391
3,480.0	561.9	1,9										

TABLE 4A. Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry ¹	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
34	Fabricated metal products--Continued								
3493	Steel springs.....	291.9	57.5	90.7	15.3	24.4	6.5	(X)	(X)
3494	Valves and pipe fittings.....	253.2	80.6	107.3	23.7	18.3	3.8	32.3	7.3
3498	Fabricated pipe and fittings.....	203.0	54.4	9.9	2.2	17.4	2.9	19.3	3.6
3499	Fabricated metal products, n.e.c.....	800.4	136.9	95.3	16.6	576.2	88.2	52.5	7.8
35	Machinery, except electrical.....	9,767.3	2,402.8	2,274.3	500.3	2,725.4	487.1	2,045.5	345.7
3511	Steam engines and turbines.....	158.2	60.4	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c.....	175.5	43.0	47.6	11.5	98.2	20.0	11.0	2.1
3522	Farm machinery.....	2,033.9	352.4	584.4	100.3	921.7	143.9	156.8	23.4
3531	Construction machinery.....	1,491.9	266.3	412.4	70.5	141.8	22.3	591.0	93.4
3532	Mining machinery.....	217.9	45.3	54.3	10.9	12.0	1.7	84.9	14.0
3533	Oilfield machinery.....	287.0	68.1	65.8	12.2	(X)	(X)	52.2	8.4
3534	Elevators and moving stairways.....	72.0	14.5	13.8	2.5	14.2	2.5	8.9	1.5
3535	Conveyors and conveying equipment.....	282.2	53.7	54.0	9.6	82.7	13.5	50.4	8.0
3536	Hoists, cranes, and monorails.....	171.7	31.4	22.6	4.4	13.2	2.1	79.1	12.4
3537	Industrial trucks and tractors.....	241.9	44.1	64.6	11.1	57.8	9.0	66.7	11.5
3541	Machine tools, metal-cutting types.....	(NA)	54.8	58.7	19.0	14.1	3.2	36.9	7.2
3542	Machine tools, metal-forming types.....	(NA)	42.0	39.6	10.8	(NA)	0.9	137.9	20.9
3544	Special dies, tools, jigs, and fixtures.....	(NA)	100.0	62.5	30.4	42.2	10.5	89.7	19.7
3545	Machine tool accessories.....	79.6	68.5	31.0	10.8	8.5	2.0	5.1	1.5
3548	Metalworking machinery, n.e.c.....	(NA)	40.4	31.0	8.2	24.8	5.7	66.1	12.0
3551	Food products machinery.....	141.3	45.1	33.4	7.6	35.7	6.4	28.6	5.6
3552	Textile machinery.....	108.3	39.9	49.4	13.5	28.3	7.4	(X)	(X)
3553	Woodworking machinery.....	29.7	8.7	(D)	(D)	(D)	(D)	(D)	(D)
3554	Paper industries machinery.....	82.4	27.7	22.8	6.0	(X)	(X)	41.3	7.2
3555	Printing trades machinery.....	(NA)	13.5	23.2	7.4	3.8	1.0	4.6	1.7
3559	Special industry machinery, n.e.c.....	(NA)	101.1	69.2	15.6	44.1	7.8	120.0	21.1
3561	Pumps and compressors.....	207.1	56.2	40.0	10.4	32.8	5.6	44.7	7.0
3562	Ball and roller bearings.....	507.1	210.9	34.1	10.8	71.9	16.3	(D)	(D)
3564	Blowers and fans.....	153.3	30.3	14.8	2.9	91.0	15.2	24.3	4.2
3565	Industrial patterns.....	(NA)	0.9	(NA)	0.2	(NA)	0.2	(NA)	(D)
3566	Power transmission equipment.....	286.2	79.0	89.4	21.3	80.9	19.6	42.7	8.2
3567	Industrial furnaces and ovens.....	129.4	41.0	(X)	(X)	27.0	4.6	52.7	9.2
3569	General industrial machinery, n.e.c.....	(NA)	47.4	40.4	9.2	34.7	6.4	42.2	7.8
3572	Typewriters.....	30.0	8.7	(D)	(D)	(D)	(D)	(X)	(X)
3573	Electronic computing equipment.....	(NA)	15.4	1.8	0.8	(NA)	5.8	(X)	(X)
3574	Calculating and accounting machines.....	43.7	12.0	(⁵)	(⁵)	30.1	7.6	(X)	(X)
3576	Scales and balances.....	27.6	5.9	2.0	0.5	17.5	3.1	(X)	(X)
3579	Office machines, n.e.c.....	29.0	10.6	2.6	0.8	17.3	5.2	(X)	(X)
3581	Automatic merchandising machines.....	(NA)	14.8	(NA)	0.2	70.0	12.8	(D)	(D)
3582	Commercial laundry equipment.....	(NA)	11.2	5.8	1.2	17.6	3.0	8.9	1.6
3585	Refrigeration machinery.....	662.0	139.8	80.3	18.4	457.5	81.1	39.9	6.4
3586	Measuring and dispensing pumps.....	41.6	10.2	(D)	(D)	21.7	3.6	(D)	(D)
3589	Service industry machines, n.e.c.....	109.9	36.6	10.0	2.9	35.6	7.3	31.0	7.0
3599	Miscellaneous machinery, except electrical...	446.7	151.0	163.3	44.8	86.1	17.0	58.3	11.6
36	Electrical equipment and supplies.....	5,739.0	1,117.3	548.5	106.6	3,684.1	595.5	166.3	24.8
3611	Electric measuring instruments.....	18.3	6.6	1.1	0.5	11.8	2.8	(¹)	(¹)
3612	Transformers.....	409.2	138.2	18.2	3.0	138.6	43.4	57.0	7.6
3613	Switchgear and switchboard apparatus.....	(NA)	52.5	39.8	6.5	198.3	31.4	17.8	2.8
3621	Motors and generators.....	(NA)	157.7	83.8	17.5	590.1	103.9	60.3	9.8
3622	Industrial controls.....	61.3	15.2	4.2	1.2	33.3	6.6	2.7	0.4
3623	Welding apparatus.....	297.7	59.8	8.9	1.9	55.0	9.4	(X)	(X)
3631	Household cooking equipment.....	(NA)	51.4	(X)	(X)	277.5	44.4	(D)	(D)
3632	Household refrigerators and freezers.....	709.6	72.2	(D)	(D)	600.7	48.5	(D)	(D)
3633	Household laundry equipment.....	(NA)	96.3	(NA)	(D)	449.9	75.0	(X)	(X)
3634	Electric housewares and fans.....	(NA)	41.1	(NA)	2.1	119.2	24.6	(NA)	(D)
3635	Household vacuum cleaners.....	(NA)	7.1	1.3	0.3	27.2	5.0	(X)	(X)
3636	Sewing machines.....	(NA)	2.0	(NA)	(D)	(NA)	(D)	(NA)	(D)
3639	Household appliances, n.e.c.....	328.3	53.7	1.3	0.3	293.3	41.2	9.4	1.3
3642	Lighting fixtures.....	352.7	64.9	11.5	1.8	293.9	47.4	4.7	0.5
3643	Current-carrying wiring devices.....	74.5	16.9	6.2	1.3	49.0	8.6	(X)	(X)
3644	Noncurrent-carrying wiring devices.....	(NA)	93.5	92.5	14.1	226.4	37.9	(X)	(X)
3651	Radio and TV receiving sets.....	(NA)	19.3	9.8	3.3	38.1	7.2	(X)	(X)
3661	Telephone and telegraph apparatus.....	(NA)	32.7	20.7	3.9	82.8	16.6	(X)	(X)

See footnotes at end of table.

by Selected Industry Groups and Industries: 1967--Continued

Carbon steel--Continued						Alloy steel						Code
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ²		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331025, 331029, 331044 and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048 and 331049)		
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	
(X)	(X)	11.0	5.1	1.2	0.2	155.8	28.0	8.6	2.0	0.2	0.4	3493
(X)	(X)	(X)	(X)	53.8	14.1	12.9	4.1	11.6	4.7	17.0	22.9	3494
(X)	(X)	1.0	0.5	⁶ 137.2	⁶ 29.1	5.2	3.0	9.6	6.8	3.4	6.3	3498
18.1	2.8	11.3	3.2	⁶ 34.6	⁶ 6.4	2.8	1.4	4.3	2.6	5.3	7.9	3499
714.3	128.3	157.1	65.3	563.4	153.4	604.2	251.1	495.3	229.7	187.8	241.9	35
(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3511
1.8	0.4	(X)	(X)	5.1	1.6	(D)	(D)	(D)	(D)	2.8	3.6	3519
106.5	17.1	32.1	8.0	⁶ 149.7	⁶ 35.2	52.4	10.7	24.2	7.1	6.1	6.7	3522
108.9	17.6	8.6	3.6	⁶ 94.8	⁶ 23.4	65.7	15.9	68.0	18.6	0.7	1.0	3531
25.2	4.0	(D)	(D)	⁶ 6.8	⁶ 2.3	(D)	(D)	(D)	(D)	1.0	1.4	3532
26.5	4.4	(X)	(X)	22.7	7.0	96.4	25.7	20.5	6.4	2.9	4.0	3533
18.1	3.2	(D)	(D)	(D)	(D)	(D)	(D)	0.1	(Z)	1.3	1.6	3534
69.2	10.9	3.1	1.9	⁶ 17.4	⁶ 4.7	(X)	(X)	2.6	1.2	2.8	3.9	3535
32.6	5.6	0.8	0.5	9.6	2.5	(D)	(D)	(D)	(D)	(D)	(D)	3536
25.4	5.0	(D)	(D)	⁶ 17.4	⁶ 4.7	(X)	(X)	(D)	(D)	(D)	(D)	3537
9.0	2.7	(NA)	(D)	(NA)	⁶ 3.7	26.7	13.7	3.1	3.3	2.3	2.0	3541
6.4	1.2	(NA)	0.2	⁶ 0.6	⁶ 0.3	11.6	5.6	3.5	1.5	0.6	0.6	3542
10.3	2.9	(NA)	0.8	5.6	3.6	(NA)	24.1	5.2	4.6	2.4	3.4	3544
3.0	1.0	0.9	0.5	3.4	1.8	23.5	44.5	3.4	5.0	0.8	1.4	3545
15.8	2.8	0.8	0.9	⁶ 6.0	⁶ 2.1	11.9	5.6	5.3	2.4	(NA)	0.7	3548
16.2	2.9	(X)	(X)	8.2	2.5	(X)	(X)	5.7	2.7	13.5	17.4	3551
10.3	2.1	7.0	5.9	4.1	1.4	(X)	(X)	4.4	2.3	4.8	7.3	3552
(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3553
(X)	(X)	(X)	(X)	10.5	2.9	(X)	(X)	3.4	1.5	4.4	10.1	3554
(X)	(X)	(X)	(X)	⁶ 4.2	⁶ 1.4	(NA)	(D)	(NA)	(D)	0.5	0.6	3555
38.5	6.9	(NA)	2.5	⁶ 21.9	⁶ 5.7	12.0	6.4	(NA)	5.8	21.5	29.3	3559
33.9	5.7	(X)	(X)	24.3	7.4	18.4	6.0	2.3	1.7	10.7	12.4	3561
(D)	(D)	56.4	20.3	(D)	(D)	114.3	44.3	216.2	110.9	2.7	4.1	3562
5.4	1.1	1.2	0.8	7.0	1.5	(X)	(X)	8.1	2.3	1.5	2.3	3564
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3565
2.3	0.6	4.1	2.4	10.0	3.1	31.4	10.1	23.2	10.6	2.2	3.1	3566
27.8	4.9	(X)	(X)	9.6	2.1	(X)	(X)	(D)	(D)	(D)	(D)	3567
25.2	5.4	(NA)	0.9	⁶ 7.6	⁶ 2.2	5.7	2.5	5.2	2.8	5.8	10.2	3569
(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3572
(⁶)	(⁶)	2.9	3.6	⁶ 6.7	⁶ 2.1	(X)	(X)	(D)	(D)	(D)	(D)	3573
(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3574
5.8	1.0	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3576
(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	0.2	0.2	0.4	0.5	3579
(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	0.9	0.6	0.8	0.9	3581
(NA)	0.3	(X)	(X)	3.0	0.8	(X)	(X)	0.8	0.3	3.2	4.0	3582
26.8	4.9	7.5	1.8	26.0	7.0	(X)	(X)	8.3	1.8	15.7	18.4	3585
(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3586
(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3589
42.5	7.6	13.1	4.7	⁶ 22.7	⁶ 8.8	29.2	18.5	10.1	5.7	21.4	32.3	3599
67.1	12.8	369.2	77.5	491.1	91.5	19.9	9.8	344.5	140.7	48.3	58.1	36
0.5	0.1	0.8	0.8	0.9	0.5	(D)	(D)	(D)	(D)	0.5	0.9	3611
9.3	1.6	(X)	(X)	21.0	10.6	(X)	(X)	164.0	71.0	1.1	1.0	3612
14.8	2.6	(X)	(X)	(NA)	4.5	(X)	(X)	5.1	2.2	2.3	2.5	3613
(X)	(X)	(NA)	2.3	24.2	6.3	(X)	(X)	51.6	14.9	2.1	3.0	3621
2.9	0.5	(X)	(X)	1.2	0.4	(X)	(X)	15.3	4.0	1.7	2.1	3622
4.3	0.7	182.4	30.6	28.1	4.1	(X)	(X)	14.4	6.4	4.6	6.7	3623
(D)	(D)	(D)	(D)	3.9	0.8	(D)	(D)	(D)	(D)	(D)	(D)	3631
(D)	(D)	6.5	1.4	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	3632
(X)	(X)	(NA)	(D)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3633
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3634
-	-	(NA)	0.3	1.8	0.8	(NA)	(D)	(NA)	(D)	(NA)	(D)	3635
(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	(NA)	(D)	3636
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3639
9.3	1.5	15.4	3.9	7.8	1.8	0.2	0.3	6.4	4.2	3.5	3.5	3642
(X)	(X)	11.1	2.2	0.3	0.2	(X)	(X)	6.3	2.6	1.6	2.0	3643
(X)	(X)	(NA)	3.6	284.6	32.8	(X)	(X)	(D)	(D)	(D)	(D)	3644
(X)	(X)	(X)	(X)	(NA)	3.0	(X)	(X)	(D)	(D)	(D)	(D)	3651
(X)	(X)	(X)	(X)	8.5	2.0	(NA)	(D)	(NA)	(D)	(NA)	(D)	3661

TABLE 4A.- Steel Mill Shapes and Forms Consumed,

Code	Industry group and industry ¹	All grades, total		Carbon steel					
				Bars and shapes (except concrete reinforcing bars) (331010, 331011, and 331043)		Sheet and strip (331012)		Plates (331013)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
36	Electrical equipment and supplies--Con....								
3662	Radio and TV communication equipment.....	(NA)	24.4	14.1	3.2	22.7	4.5	(X)	(X)
3671	Electron tubes, receiving type.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3673	Electron tubes, transmitting.....	4.3	3.2	(D)	(D)	(D)	(D)	(X)	(X)
3674	Semiconductors.....	5.2	3.4	(D)	(D)	(D)	(D)	(X)	(X)
3679	Electronic components, n.e.c.....	(NA)	48.1	6.4	1.5	35.6	11.3	(X)	(X)
3694	Engine electrical equipment.....	(NA)	55.9	105.6	21.7	128.4	23.1	(D)	(D)
3699	Electrical equipment, n.e.c.....	1.9	1.2	(X)	(X)	(X)	(X)	(X)	(X)
37	Transportation equipment.....	12,782.8	2,333.9	(D)	(D)	(D)	(D)	(D)	(D)
3711	Motor vehicles.....	1,499.1	266.7	145.5	23.7	1,164.4	198.0	27.3	5.0
3713	Truck and bus bodies.....	408.7	70.7	31.6	5.5	262.9	43.4	54.5	8.0
3714	Motor vehicle parts and accessories.....	6,898.3	1,173.0	751.5	135.1	5,061.3	774.1	288.6	44.2
3715	Truck trailers.....	(NA)	62.4	13.5	2.3	126.3	21.4	46.7	7.9
3721	Aircraft.....	67.8	28.1	29.5	7.4	11.4	2.2	3.5	0.9
3722	Aircraft engines and engine parts.....	87.4	81.6	16.1	3.5	7.6	2.3	6.2	1.6
3729	Aircraft equipment, n.e.c.....	116.2	61.9	23.8	5.5	26.0	5.7	12.2	1.5
3731	Ship building and repairing.....	1,120.2	183.1	109.7	18.1	91.2	14.9	656.6	97.7
3732	Boat building and repairing.....	20.6	3.7	1.5	0.2	8.4	1.2	6.8	1.2
3741	Locomotives and parts.....	157.4	25.4	14.6	2.6	27.9	4.2	79.7	11.2
3742	Railroad and street cars.....	1,579.8	285.1	123.8	22.0	198.4	29.6	762.9	120.4
3751	Motorcycles, bicycles, and parts.....	131.0	22.3	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	(NA)	33.2	3.4	0.7	26.5	5.8	(X)	(X)
3799	Transportation equipment, n.e.c.....	(NA)	36.7	^e 33.0	5.3	^e 131.3	19.2	10.8	1.6
38	Instruments and related products.....	139.6	60.3	(D)	(D)	58.3	11.5	(D)	(D)
3811	Engineering and scientific instruments.....	(NA)	9.4	1.1	0.4	23.7	3.8	0.4	0.1
3821	Mechanical measuring devices.....	44.1	22.1	17.1	5.5	10.3	2.8	2.3	0.6
3822	Automatic temperature controls.....	36.7	16.1	5.6	2.2	24.3	4.9	(D)	(D)
3831	Optical instruments and lenses.....	1.7	1.7	(D)	(D)	(X)	(X)	(X)	(X)
3861	Photographic equipment and supplies.....	27.5	10.9	(X)	(X)	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing industries....	322.4	110.4	(X)	(X)	(X)	(X)	(X)	(X)
3914	Silverware and plated ware.....	27.5	25.4	(X)	(X)	(X)	(X)	(X)	(X)
3941	Games and toys.....	72.8	16.4	(X)	(X)	(X)	(X)	(X)	(X)
3942	Dolls.....	(NA)	0.2	(X)	(X)	(X)	(X)	(X)	(X)
3943	Children's vehicles, except bicycles.....	51.9	10.9	(X)	(X)	(X)	(X)	(X)	(X)
3949	Sporting and athletic goods, n.e.c.....	82.2	25.6	(X)	(X)	(X)	(X)	(X)	(X)
3963	Buttons.....	2.1	1.0	(X)	(X)	(X)	(X)	(X)	(X)
3964	Needles, pins, and fasteners.....	41.8	13.7	(X)	(X)	(X)	(X)	(X)	(X)
3999	Manufactures, n.e.c.....	44.0	17.2	(X)	(X)	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	1,052.2	290.8	(D)	(D)	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	21.6	10.9	(D)	(D)	(D)	(D)	(D)	(D)
1929	Ammunition, except for small arms, n.e.c.....	689.3	117.7	425.4	61.2	23.2	6.0	(D)	(D)
1931	Tanks and tank components.....	63.9	43.2	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	22.5	8.7	11.2	2.9	3.6	1.0	(D)	(D)
1961	Small arms ammunition.....	155.9	85.6	(D)	(D)	(D)	(D)	(D)	(D)
1999	Ordnance and accessories, n.e.c.....	99.0	24.7	23.5	5.5	14.2	2.7	(D)	(D)
1911	Guns, howitzers, and mortars.....								

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. (Z) Less than one-half the unit of measure. ^eBetween 10-30 percent of this figure was imputed. (S) Suppressed because data did not meet publication standards.

¹Major Group (2-digit totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²Includes data on the consumption of tin plate, black plate, and terne plate which amounted to 5,821.7 thousand short tons at a cost of \$1,270.5 million. Also includes concrete reinforcing bars which totaled 1,532.6 thousand short tons at a cost of \$185.8 million. Separate consumption statistics for these materials for selected industries are available in the industry by materials tables in another portion of this report.

						Carbon steel							
Structural shapes (331015)		Wire and wire products (331017)		All other steel mill shapes and forms (331001, 331009, 331018, 331019, 331041, and 331042) ^a		Bars and bar shapes (except stainless) (331021 and 331046)		All other mill shapes and forms (except stainless) (331020, 331025, 331029, 331044 and 331045)		Stainless steel mill shapes and forms (331031, 331047, 331048 and 331049)		Code	
Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)		
16.0 (D) (D) (D) (D) 0.9 (X) (X)	2.9 (D) (D) (D) (D) 0.7 (X) (X)	(NA) (D) (D) (D) (D) (NA) (NA) (X)	3.9 (D) (D) (D) (D) 11.1 4.6 (X)	3.1 (D) (D) (D) (D) 3.1 (D) (D) 0.7	1.1 (D) (D) (D) (D) 2.2 (D) (D) 0.3	9.6 (D) (D) (D) (D) 4.6 (X) (X) (X)	3.0 (D) (D) (D) (D) 3.7 (X) (X) (X)	1.1 (D) (D) (D) (D) 21.5 3.0 0.8	1.1 (D) (D) (D) (D) 12.0 0.7 0.6	3.2 (D) (D) (D) (D) 3.2 - 0.4	4.7 (D) (D) (D) (D) 5.6 - 0.3	3662 3671 3672 3673 3674 3679 3694 3699	
832.5	131.2	260.8	61.5	370.9	107.5	486.6	124.4	225.8	106.2	90.3	128.7	37	
15.8 34.0 21.7 38.0 2.4 0.7 3.6	3.2 5.5 3.4 6.5 0.7 0.3 0.6	1.4 3.5 226.7 (NA) (D) 0.9 3.8	0.5 0.9 52.8 0.3 (D) 0.7 0.9	17.1 7.1 ⁶ 144.1 12.6 (D) 9.5 3.1	4.7 1.9 ⁶ 45.8 3.9 (D) 3.1 0.7	106.4 0.9 325.5 8.4 7.1 20.0 16.6	26.0 0.3 66.0 2.1 3.8 16.7 8.9	20.1 11.6 52.9 23.8 6.5 11.3 10.7	4.7 2.6 27.4 5.4 4.0 14.5 6.9	1.1 2.6 26.0 16.1 4.5 15.1 16.4	0.9 2.6 24.2 12.6 7.7 38.9 31.2	3711 3713 3714 3715 3721 3722 3729	
185.4 2.0 (D) 340.4 (D) (NA) (NA)	29.4 0.3 (D) 52.0 (D) 21.2 5.2	6.5 0.1 (D) 5.7 (D) (X) (NA)	2.0 (Z) (D) 1.0 (D) (X) 0.8	50.8 0.5 (D) 95.3 (D) (NA) 5.1	9.2 0.1 (D) 29.2 (D) 1.2 1.5	(X) (X) (X) (X) (D) (X) (X)	(X) (X) (X) (X) (D) (X) (X)	16.2 1.0 (D) (D) (D) (D) (D)	7.0 0.2 (D) (D) (D) (D) (D)	3.8 0.3 (D) (D) (D) (D) (D)	4.8 0.5 (D) (D) (D) (D) (D)	3731 3732 3741 3742 3751 3791 3799	
(D)	(D)	3.9	2.8	23.6	10.5	1.7	1.0	6.4	2.0	13.6	21.1	38	
0.6 3.8 (D) (X) (X)	0.2 0.8 (D) (X) (X)	(NA) 2.5 (D) (D) (X)	(D) 1.3 (D) (D) (X)	(NA) 1.9 (D) (D) 18.7	(D) 1.2 (D) (D) 5.3	0.2 1.3 (D) (D) (X)	0.1 0.7 (D) (D) (X)	0.4 0.5 (D) (D) 5.1	0.2 0.4 (D) (D) 1.2	2.2 4.4 (D) (D) 3.7	3.6 8.8 (D) (D) 4.4	3811 3821 3822 3831 3861	
(X)	(X)	(X)	(X)	245.1	58.3	(X)	(X)	39.7	16.9	37.1	35.3	39	
(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)	(D) 62.4 (D) (D) 70.4 1.4 29.7 29.3	(D) 12.4 (D) (D) 18.6 0.4 8.7 7.0	(X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X)	(D) (D) (D) (D) (D) (D) 10.8 7.4	(D) (D) (D) (D) (D) (D) 2.9 3.7	(D) (D) (D) (D) (D) (D) 1.3 7.3	(D) (D) (D) (D) (D) (D) 2.1 6.5	3914 3941 3942 3943 3949 3963 3964 3999	
(D)	(D)	7.1	2.5	152.1	34.9	69.4	36.1	158.7	94.8	6.1	8.3	19	
(D) (D) (X) (X) (X) (X) (D)	(D) (D) (X) (X) (X) (X) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D)	2.0 (D) (D) (D) (D) (D) 1.2	3.5 (D) (D) (D) (D) (D) 1.4	1925 1929 1931 1951 1961 1999 1911	

³The "Steel producing industries" include steel works and rolling mills, wire drawing establishments, independent pipe mills and cold rolling, drawing, and finishing establishments, but exclude forging plants (industry 3391, Iron and Steel Forgings) which are classified in this table as metal fabricators. To avoid duplication by counting both the forgings and bars and billets from which forgings are made, information for forgings is excluded. Also to eliminate duplication, the data shown for the "Steel producing industries" are limited to the mill shapes and forms consumed in the production of fabricated products or in maintenance and repair work and exclude the consumption of these products in the manufacture of other bar shapes and forms. The source of these data is Current Industrial Reports Series MA33B, "Steel Mill Products."

⁴The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill level

⁶These figures are understated because of apparent undercoverage of carbon steel pipe and tube. The approximate amounts of undercoverage are shown in the separate industry reports.

TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, By Selected Industry Groups and Industries: 1967

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, 335121, and 335123)		Pipe and tube (335127)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Metal fabricating industries, total ²	³ 863.0	515.3	⁴ 689.5	562.3	⁵ 2,030.6	1,183.6	⁵ 829.4	447.7	⁵ 772.7	480.3	⁵ 428.5	255.6
33	Primary metal industries.....	432.8	211.3	³ 73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
34	Fabricated metal products.....	23.7	16.4	5.7	4.6	⁶ 7596.0	⁶ 7320.4	⁷ 377.7	⁷ 190.9	⁷ 108.3	⁷ 77.7	⁶ 7110.0	⁶ 751.8
35	Machinery, except electrical.....	19.7	13.5	73.4	70.7	⁶ 334.6	⁶ 202.7	95.2	63.6	68.9	39.2	⁶ 170.5	⁶ 99.9
36	Electrical equipment and supplies.....	287.2	221.2	466.8	371.5	414.7	276.3	184.7	118.0	131.1	92.4	98.9	65.9
37	Transportation equipment.....	96.0	49.7	62.5	57.5	⁶ 309.3	⁶ 154.3	⁸ 104.9	⁸ 37.3	⁸ 167.4	⁸ 89.2	⁶ 37.0	⁶ 27.8
38	Instruments and related products..	(D)	(D)	(D)	(D)	38.6	27.1	(D)	(D)	(D)	(D)	9.4	8.2
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	68.6	50.3	(X)	(X)	68.6	50.3	(X)	(X)
19	Ordinance and accessories.....	(D)	(D)	(D)	(D)	⁶ 218.8	⁶ 117.9	(D)	(D)	(D)	(D)	(D)	(D)
33	Primary metal industries.....	432.8	211.3	³ 73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
3357	Nonferrous wire drawing and insulating.....	432.8	211.3	73.8	51.2	30.6	23.6	(X)	(X)	30.6	23.6	(X)	(X)
34	Fabricated metal products.....	23.7	16.4	5.7	4.6	⁶ 7596.0	⁶ 7320.4	⁷ 377.7	⁷ 190.9	⁷ 108.3	⁷ 77.7	⁶ 7110.0	⁶ 751.8
3421	Cutlery.....	(X)	(X)	(X)	(X)	1.4	1.2	(D)	(D)	(D)	(D)	(D)	(D)
3423	Hand and edge tools, n.e.c.....	(X)	(X)	(X)	(X)	(S)	(S)	2.1	1.6	.4	.3	(S)	(S)
3429	Hardware, n.e.c.....	2.4	1.8	(X)	(X)	(S)	(S)	26.2	12.8	30.1	18.3	(S)	(S)
3431	Metal sanitary ware.....	(X)	(X)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	(X)	(X)	(D)	(D)	95.0	47.3	64.0	27.8	7.4	4.5	23.6	15.0
3433	Heating equipment, except electric.....	(X)	(X)	(X)	(X)	(NA)	20.8	6.3	4.1	(NA)	2.2	25.2	14.5
3441	Fabricated structural steel.....	(X)	(X)	(X)	(X)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3442	Metal doors, sash, and trim.....	(X)	(X)	(X)	(X)	(S)	(S)	.5	.3	1.3	.8	(S)	(S)
3443	Fabricated platework (boiler shops).....	(X)	(X)	(X)	(X)	(S)	(S)	2.9	3.3	6.9	5.6	(S)	(S)
3444	Sheet metalwork.....	(X)	(X)	(X)	(X)	(S)	(S)	(NA)	1.0	(NA)	4.0	(S)	(S)
3446	Architectural metalwork.....	(X)	(X)	(X)	(X)	(NA)	4.5	(D)	(D)	(D)	(D)	(D)	(D)
3449	Miscellaneous metalwork.....	(X)	(X)	(X)	(X)	(NA)	2.2	.5	.3	(NA)	1.6	(NA)	.3
3451	Screw machine products.....	13.4	8.0	(X)	(X)	89.2	44.6	84.4	41.6	.3	.7	4.5	2.3
3452	Bolts, nuts, rivets, and washers..	3.9	2.9	(X)	(X)	52.3	36.6	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	4.0	3.7	(X)	(X)	(S)	(S)	8.4	3.9	35.5	28.2	(S)	(S)
3481	Miscellaneous fabricated wire products.....	(X)	(X)	(X)	(X)	(S)	(S)	10.4	6.8	1.5	1.7	(S)	(S)
3494	Valves and pipe fittings.....	(X)	(X)	3.6	3.0	(NA)	77.2	115.2	60.0	(NA)	3.1	26.4	14.1
3498	Fabricated pipe and fittings.....	(X)	(X)	.2	.2	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3499	Fabricated metal products, n.e.c..	(X)	(X)	1.9	1.4	(S)	(S)	1.3	.9	4.1	3.0	(S)	(S)
35	Machinery, except electrical..	19.7	13.5	73.4	70.7	⁶ 334.6	⁶ 202.7	95.2	63.6	68.9	39.2	⁶ 170.5	⁶ 99.9
3511	Steam engines and turbines.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3519	Internal combustion engines, n.e.c.	(D)	(D)	2.5	2.9	(NA)	8.4	(D)	(D)	(D)	(D)	(NA)	1.6
3522	Farm machinery.....	(X)	(X)	(X)	(X)	(S)	(S)	2.3	1.6	(NA)	3.6	(S)	(S)
3531	Construction machinery.....	(X)	(X)	.9	.9	(S)	(S)	(NA)	.8	(NA)	.5	(S)	(S)
3532	Mining machinery.....	(D)	(D)	(D)	(D)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3533	Oilfield machinery.....	(X)	(X)	(X)	(X)	1.3	1.1	(X)	(X)	1.3	1.1	(X)	(X)
3534	Elevators and moving stairways....	(X)	(X)	(⁶)	(⁶)	(NA)	.8	(D)	(D)	(D)	(D)	(NA)	.8
3535	Conveyors and conveying equipment.....	(X)	(X)	0.4	0.4	(S)	(S)	(NA)	.5	.3	.3	(S)	(S)
3536	Hoists, cranes, and monorails.....	(X)	(X)	2.4	2.3	(NA)	1.8	(D)	(D)	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors....	(X)	(X)	.7	.6	(S)	(S)	(NA)	.2	(NA)	.1	(S)	(S)
3541	Machine tools, metal-cutting types	(²)	(²)	2.0	2.5	(S)	(S)	(NA)	.9	(NA)	.4	(S)	(S)
3542	Machine tools, metal-forming types	.1	.1	.2	.2	(S)	(S)	.6	.6	(NA)	.1	(S)	(S)
3544	Special dies, tools, jigs, and fixtures.....	.6	.5	(NA)	.2	2.8	3.4	1.2	1.1	1.6	1.5	(NA)	.8
3545	Machine tool accessories.....	(NA)	.1	(NA)	.2	.6	1.4	.6	.9	(NA)	.2	(NA)	.3
3548	Metalworking machinery, n.e.c.....	3.3	2.6	(NA)	3.5	(S)	(S)	7.4	5.0	.2	.1	(S)	(S)
3551	Food products machinery.....	(X)	(X)	(X)	(X)	1.6	1.1	(X)	(X)	1.6	1.1	(X)	(X)
3552	Textile machinery.....	(X)	(X)	(X)	(X)	(³)	(³)	(X)	(X)	(³)	(³)	(X)	(X)
3554	Paper industries machinery.....	(X)	(X)	(X)	(X)	(NA)	9.1	(D)	(D)	(D)	(D)	(D)	(D)
3555	Printing trades machinery.....	(X)	(X)	(D)	(D)	(S)	(S)	(D)	(D)	(D)	(D)	(S)	(S)
3559	Special industry machinery, n.e.c.	(X)	(X)	(X)	(X)	(S)	(S)	2.8	2.6	(D)	3.0	(S)	(S)
3561	Pumps and compressors.....	(X)	(X)	2.1	1.6	14.7	10.6	5.1	3.2	.2	.1	9.4	7.3
3562	Ball and roller bearings.....	(X)	(X)	(X)	(X)	(NA)	3.1	(D)	(D)	(D)	(D)	(NA)	.6
3564	Blowers and fans.....	(X)	(X)	(X)	(X)	(NA)	3.8	(D)	(D)	(D)	(D)	(D)	(D)
3565	Industrial patterns.....	(X)	(X)	(X)	(X)	(NA)	0.1	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
						Total		Rod, bar and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, 335121, and 335123)		Pipe and tube (335127)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
35	Machinery, except electrical--Continued												
3566	Power transmission equipment.....	(X)	(X)	(X)	(X)	8.2	4.9	2.8	1.7	.7	.7	4.7	2.5
3567	Industrial furnaces and ovens.....	(X)	(X)	(X)	(X)	5.7	4.5	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industrial machinery, n.e.c.....	(X)	(X)	(X)	(X)	(S)	(S)	1.2	1.0	(NA)	1.0	(S)	(S)
3572	Typewriters.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3573	Electronic computing equipment.....	(D)	(D)	(NA)	39.0	0.6	0.7	(D)	(D)	(D)	(D)	.1	.1
3574	Calculating and accounting machines	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3576	Scales and balances.....	(Z)	(Z)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	(D)	(D)	(NA)	.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3581	Automatic merchandising machines...	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3582	Commercial laundry equipment.....	(X)	(X)	(X)	(X)	(NA)	.3	(X)	(X)	(NA)	.3	(X)	(X)
3585	Refrigeration machinery.....	4.3	3.2	4.2	3.2	173.1	129.7	(D)	(D)	(D)	(D)	127.9	105.0
3586	Measuring and dispensing pumps.....	(X)	(X)	(D)	(D)	1.8	1.1	(D)	(D)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c....	(X)	(X)	(X)	(X)	1.6	1.3	(X)	(X)	1.6	1.3	(X)	(X)
3599	Miscellaneous machinery, except electrical.....	(D)	(D)	(D)	(D)	(S)	(S)	13.4	9.4	6.0	4.5	(S)	(S)
36	Electrical equipment and supplies.....	287.2	221.2	466.8	371.5	414.7	276.3	184.7	118.0	131.1	92.4	98.9	65.9
3611	Electric measuring instruments.....	2.6	2.3	17.6	8.7	5.0	3.4	2.6	1.6	2.2	1.6	.2	.2
3612	Transformers.....	64.1	44.6	93.6	58.2	(NA)	17.6	26.3	12.0	(NA)	4.8	1.5	.8
3613	Switchgear and switchboard apparatus.....	7.9	6.9	10.6	10.0	57.8	43.3	41.9	31.8	13.3	9.4	2.4	2.1
3621	Motors and generators.....	68.3	48.7	86.3	69.6	(NA)	24.1	36.0	20.7	4.0	3.5	(NA)	.2
3622	Industrial controls.....	3.4	2.7	(NA)	5.6	7.8	5.9	4.2	2.8	3.1	2.6	.5	.5
3623	Welding apparatus.....	3.1	2.2	9.1	7.4	6.4	6.6	4.0	4.3	1.4	1.5	1.0	.8
3624	Carbon and graphite products.....	.9	1.0	(D)	(D)	(D)	(D)	(D)	(D)	.5	.4	(D)	(D)
3629	Electrical industrial apparatus, n.e.c.....	(NA)	5.1	(NA)	8.4	(NA)	3.8	(D)	(D)	(D)	(D)	.2	(Z)
3631	Household cooking equipment.....	(X)	(X)	1.4	1.6	(NA)	1.3	(D)	(D)	(D)	(D)	(D)	(D)
3632	Household refrigerators and freezers.....	(D)	(D)	(D)	(D)	27.9	25.5	(D)	(D)	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	(D)	(D)	4.6	3.7	(NA)	1.2	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	6.8	5.2	9.9	9.1	(NA)	2.9	(D)	(D)	(D)	(D)	1.1	.5
3635	Household vacuum cleaners.....	1.9	1.7	(NA)	2.6	(NA)	0.9	(D)	(D)	(D)	(D)	(D)	(D)
3636	Sewing machines.....	(X)	(X)	(X)	(X)	(D)	(D)	(D)	(D)	-	-	-	-
3639	Household appliances, n.e.c.....	(D)	(D)	1.9	1.8	3.5	3.2	(D)	(D)	(D)	(D)	(D)	(D)
3641	Electric lamps.....	-	-	-	-	(NA)	0.8	(D)	(D)	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	4.0	3.4	15.0	8.4	(NA)	7.2	1.3	.9	4.0	3.0	(NA)	3.3
3643	Current-carrying wiring devices....	8.2	6.5	(NA)	8.0	(NA)	26.7	8.8	6.8	23.2	17.9	(NA)	2.0
3644	Noncurrent-carrying wiring devices.	.9	.3	2.2	1.7	1.9	1.1	(D)	(D)	(D)	(D)	(D)	(D)
3651	Radio and TV receiving sets.....	10.3	9.8	18.4	11.0	0.9	0.7	(D)	(D)	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus..	10.0	11.8	17.3	19.1	(NA)	24.3	12.0	7.4	(NA)	14.4	2.7	2.5
3662	Radio and TV communication equipment.....	5.2	3.6	27.7	23.9	6.9	5.3	3.2	2.4	1.9	1.6	1.8	1.3
3671	Electron tubes, receiving type....	(D)	(D)	-	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3673	Electron tubes, transmitting.....	(D)	(D)	(D)	(D)	1.6	1.9	.7	.8	.7	.9	.2	.2
3674	Semiconductors.....	1.0	2.5	.6	.4	2.4	1.6	(D)	(D)	(D)	(D)	(D)	(D)
3679	Electronic components, n.e.c.....	35.9	30.7	37.1	34.4	(NA)	25.7	22.1	13.0	(NA)	7.8	5.3	4.9
3694	Engine electrical equipment.....	42.0	27.0	49.9	28.7	15.6	9.8	(D)	(D)	(D)	(D)	(D)	(D)
3699	Electrical equipment, n.e.c.....	.8	1.1	27.0	21.4	4.0	3.9	(X)	(X)	4.0	3.9	(X)	(X)
37	Transportation equipment.....	96.0	49.7	62.5	57.5	⁶ 8309.3	⁶ 8154.3	⁸ 104.9	⁸ 37.3	⁸ 167.4	⁸ 89.2	⁶ 837.0	⁶ 827.8
3711	Motor vehicles.....	(D)	(D)	5.1	4.1	9.5	7.3	(D)	(D)	(D)	(D)	7.2	5.9
3713	Truck and bus bodies.....	(D)	(D)	.3	.3	(NA)	3.2	(D)	(D)	(D)	(D)	(NA)	1.5
3714	Motor vehicle parts and accessories	80.1	37.7	27.2	16.0	(S)	(S)	59.0	26.5	156.7	83.6	(S)	(S)
3715	Truck trailers.....	(D)	(D)	1.0	0.7	(NA)	0.6	-	-	-	-	(NA)	.6
3721	Aircraft.....	0.4	0.4	7.8	14.6	1.7	1.6	.4	.9	(D)	(D)	(D)	(D)
3722	Aircraft engines and engine parts..	0.1	0.1	0.7	0.9	2.8	2.1	2.3	1.6	0.4	0.4	0.1	0.1
3729	Aircraft equipment, n.e.c.....	(D)	(D)	(D)	(D)	13.5	8.4	7.1	4.4	1.3	0.6	5.1	3.4
3731	Ship building and repairing.....	.4	.4	7.4	10.9	14.4	14.1	2.2	1.6	1.0	1.0	11.2	11.5
3732	Boat building and repairing.....	(Z)	(Z)	0.3	0.3	0.6	0.4	0.1	0.1	(Z)	(Z)	0.5	0.3
3741	Locomotives and parts.....	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4B. Copper and Copper-Base Alloy Mill Shapes and Forms Consumed, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry ¹	Bare wire (for electrical conduction) (335725 and 335728)		Insulated wire and cable (335790)		Brass mill shapes							
		Total		Rod, bar, and mechanical wire (335102)		Plate, sheet, and strip (335003, 335100, 335109, 335121, and 335123)		Pipe and tube (335127)					
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds copper content)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
37	Transportation equipment-- Continued												
3742	Railroad and street cars.....	(D)	(D)	(X)	(X)	33.9	1.9	31.4	1.0	-	-	2.5	0.9
3751	Motorcycles, bicycles, and parts..	(X)	(X)	(X)	(X)	(NA)	0.2	(X)	(X)	(NA)	0.2	(X)	(X)
3791	Trailer coaches.....	(NA)	0.8	10.8	5.9	8.1	3.6	(D)	(D)	(D)	(D)	7.5	3.3
3799	Transportation equipment, n.e.c....	(X)	(X)	(X)	(X)	(NA)	0.8	(X)	(X)	(NA)	0.8	(X)	(X)
38	Instruments and related products.....	(D)	(D)	(D)	(D)	38.6	27.1	(D)	(D)	(D)	(D)	9.4	8.2
3811	Engineering and scientific instruments.....	.3	.2	.5	1.0	1.7	0.9	(D)	(D)	(D)	(D)	1.1	.5
3821	Mechanical measuring devices.....	.9	1.4	1.7	2.7	14.6	10.5	8.0	5.2	3.8	2.7	2.8	2.6
3822	Automatic temperature controls....	(D)	(D)	(D)	(D)	20.9	14.9	10.0	6.1	5.4	3.7	5.5	5.1
3861	Photographic equipment and supplies.....	(X)	(X)	(X)	(X)	1.4	.8	(X)	(X)	1.4	.8	(X)	(X)
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	68.6	50.3	(X)	(X)	68.6	50.3	(X)	(X)
3914	Silverware and plated ware.....	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3941	Games and toys.....	(X)	(X)	(X)	(X)	0.5	0.4	(X)	(X)	0.5	0.4	(X)	(X)
3942	Dolls.....	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)
3949	Sporting and athletic goods, n.e.c.....	(X)	(X)	(X)	(X)	3.1	2.6	(X)	(X)	3.1	2.6	(X)	(X)
3963	Buttons.....	(X)	(X)	(X)	(X)	5.0	3.5	(X)	(X)	5.0	3.5	(X)	(X)
3964	Needles, pins, and fasteners.....	(X)	(X)	(X)	(X)	21.7	15.8	(X)	(X)	21.7	15.8	(X)	(X)
3999	Manufactures, n.e.c.....	(X)	(X)	(X)	(X)	11.1	8.5	(X)	(X)	11.1	8.5	(X)	(X)
19	Ordnance and accessories.....	(D)	(D)	(D)	(D)	⁶ 218.8	⁶ 117.9	(D)	(D)	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	0.1	0.3	1.1	2.5	(NA)	0.2	(D)	(D)	(D)	(D)	(D)	(D)
1929	Ammunition, except for small arms, n.e.c.....	(D)	(D)	(D)	(D)	(S)	(S)	11.9	4.9	1.9	0.8	(S)	(S)
1931	Tanks and tank components.....	(X)	(X)	(D)	(D)	0.2	0.2	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	(D)	(D)	(D)	(D)	0.5	0.4	(D)	(D)	(D)	(D)	(D)	(D)
1961	Small arms ammunition.....	(X)	(X)	(X)	(X)	203.5	110.9	(D)	(D)	(D)	(D)	(D)	(D)
1999	Ordnance and accessories, n.e.c....	-	-	(D)	(D)	0.5	0.5	0.3	0.3	0.2	0.2	-	-
1911	Guns, howitzers and mortars.....	-	-	(D)	(D)	0.5	0.5	0.3	0.3	0.2	0.2	-	-

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (S) Suppressed because the data did not meet publication standards.

¹Major group (2-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

³In addition, 1,039.4 million pounds of bare wire for electrical conduction were produced and consumed by nonferrous wire drawing establishments in the manufacture of further fabricated products. Most of this consumption resulted in the production of insulated wire and cable.

⁴Excludes insulated wire and cable produced and consumed in insulating plants in the production of fabricated products such as appliance wire and cord and flexible cord sets.

⁵Excludes brass mill shapes produced and consumed in nonferrous metal mills in the manufacture of fabricated metal products for which figures are not available.

⁶Excludes figures for those industries for which consumption of pipe and tube was suppressed. Such suppressions are indicated by the symbol (S).

⁷Excludes figures for industry 3431, Metal Sanitary Ware. These figures, however, are included in the total for all metal fabricating industries.

⁸Excludes figures for industry 3741, Locomotives and Parts. These figures, however, are included in the total for all metal fabricating industries.

TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967

Code	Industry group and industry	Total		Sheet, plate and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Metal fabricating industries, total ²	³ 3,987.4	1,957.2	³ 2,337.7	1,085.7	³ 1,016.2	550.0	³ 633.5	321.5
25	Furniture and fixtures.....	111.5	59.0	34.3	13.5	25.3	19.1	51.9	26.4
26	Paper and allied products.....	23.4	13.6	23.4	13.6	(X)	(X)	(X)	(X)
33	Primary metal industries.....	188.3	85.7	(X)	(X)	(X)	(X)	⁴ 188.3	85.7
34	Fabricated metal industries.....	1,966.0	822.8	1,314.1	536.0	531.5	231.1	120.4	55.7
35	Machinery, except electrical.....	372.5	185.7	218.5	101.8	56.9	39.5	97.1	44.4
36	Electrical equipment and supplies.....	371.8	190.9	184.0	92.7	98.6	55.8	89.2	42.4
37	Transportation equipment.....	771.0	484.7	510.7	288.9	221.8	158.1	38.5	37.7
38	Instruments and related products.....	⁵ 21.6	15.4	(D)	(D)	(D)	(D)	(D)	(D)
39	Miscellaneous manufacturing.....	⁵ 48.6	⁵ 24.3	4.1	2.0	19.8	8.6	⁵ 24.7	⁵ 13.7
19	Ordnance and accessories.....	⁶ 108.1	⁶ 73.0	(D)	(D)	(D)	(D)	(D)	(D)
25	Furniture and fixtures.....	^e 111.5	59.0	34.3	13.5	25.3	19.1	51.9	26.4
2514	Metal household furniture.....	(NA)	34.5	^e 24.0	9.6	(NA)	15.6	^e 23.3	9.3
2522	Metal office furniture.....	^e 7.9	^e 4.8	(X)	(X)	(X)	(X)	^e 7.9	4.8
2531	Public building furniture.....	^e 9.0	5.9	(X)	(X)	(X)	(X)	^e 9.0	5.9
2541	Wood partitions and fixtures.....	^e 3.0	1.5	(X)	(X)	(X)	(X)	^e 3.0	1.5
2542	Metal partitions and fixtures.....	(NA)	3.1	(X)	(X)	(X)	(X)	(NA)	3.1
2591	Venetian blinds and shades.....	(NA)	7.9	^e 10.3	3.9	(NA)	3.5	(NA)	0.5
2599	Furniture and fixtures, n.e.c.....	1.8	1.3	(X)	(X)	(X)	(X)	^e 1.8	1.3
26	Paper and allied products.....	23.4	13.6	23.4	13.6	(X)	(X)	(X)	(X)
2653	Corrugated and solid fiber boxes.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2654	Sanitary food containers.....	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
2655	Fiber cans, drums, and related material.....	20.5	11.9	20.5	11.9	(X)	(X)	(X)	(X)
33	Primary metal industries.....	188.3	85.7	(X)	(X)	(X)	(X)	⁴ 188.3	⁴ 85.7
3357	Nonferrous wire drawing and insulating.....	95.5	36.6	(X)	(X)	(X)	(X)	⁴ 95.5	⁴ 36.6
3391	Iron and steel forgings.....	4.5	2.3	(X)	(X)	(X)	(X)	⁴ 4.5	⁴ 2.3
3392	Nonferrous forgings.....	88.3	46.8	(X)	(X)	(X)	(X)	⁴ 88.3	⁴ 46.8
34	Fabricated metal products.....	1,966.0	822.8	1,314.1	536.0	531.5	231.1	120.4	55.7
3411	Metal cans.....	456.3	157.8	(D)	(D)	-	-	(D)	(D)
3421	Cutlery.....	2.2	1.3	(D)	(D)	-	-	(D)	(D)
3423	Hand and edge tools, n.e.c.....	4.5	2.8	(D)	(D)	-	-	(D)	(D)
3429	Hardware, n.e.c.....	50.3	23.1	29.4	13.0	18.2	8.7	2.7	1.4
3431	Metal sanitary ware.....	0.4	0.2	(X)	(X)	(D)	(D)	(D)	(D)
3432	Plumbing fittings and brass goods.....	0.5	0.2	(X)	(X)	(D)	(D)	(D)	(D)
3433	Heating equipment, except electric.....	18.5	7.9	14.0	5.8	-	-	4.5	2.1
3441	Fabricated structural steel.....	50.3	25.5	22.3	11.6	(D)	(D)	(D)	(D)
3442	Metal doors, sash, and trim.....	467.5	185.9	164.0	62.8	289.1	116.0	14.4	7.1
3443	Fabricated platework (boiler shops).....	30.9	15.0	26.1	12.2	4.2	2.3	0.6	0.5
3444	Sheet metalwork.....	232.8	89.0	199.8	74.3	(D)	(D)	(D)	(D)
3446	Architectural metalwork.....	56.7	25.9	(⁷)	(⁷)	37.0	16.2	19.7	9.7
3449	Miscellaneous metalwork.....	52.0	22.7	30.8	12.5	(D)	(D)	(D)	(D)
3451	Screw machine products.....	31.3	21.1	5.9	3.9	18.0	12.0	7.4	5.2
3452	Bolts, nuts, rivets, and washers.....	32.8	16.1	(D)	(D)	(D)	(D)	(D)	(D)
3461	Metal stampings.....	290.9	137.6	248.1	115.3	37.1	19.4	5.7	2.9
3481	Miscellaneous fabricated wire products.....	12.5	5.3	2.3	1.0	1.2	0.5	9.0	3.8
3491	Metal barrels, drums, and pails.....	4.3	2.4	(D)	(D)	(X)	(X)	(D)	(D)
3494	Valves and pipe fittings.....	11.7	5.9	-	-	8.0	4.2	3.7	1.7
3497	Metal foil and leaf.....	75.2	34.2	35.0	20.4	(D)	(D)	(D)	(D)
3498	Fabricated pipe and fittings.....	7.0	4.4	(D)	(D)	(D)	(D)	(D)	(D)
3499	Fabricated metal products, n.e.c.....	77.4	38.5	57.6	26.9	17.6	10.5	2.2	1.1
35	Machinery, except electrical.....	372.5	185.7	218.5	101.8	56.9	39.5	97.1	44.4
3511	Steam engines and turbines.....	(D)	(D)	-	-	-	-	(D)	(D)
3519	Internal combustion engines, n.e.c.....	(D)	(D)	-	-	-	-	(D)	(D)
3522	Farm machinery.....	(NA)	7.3	7.1	2.7	(NA)	2.9	(NA)	1.7
3531	Construction machinery.....	4.0	3.0	1.6	0.8	1.0	0.7	1.4	1.5
3532	Mining machinery.....	0.3	0.2	(D)	(D)	(D)	(D)	(D)	(D)
3533	Oilfield machinery.....	1.3	1.1	-	-	-	-	1.3	1.1
3534	Elevators and moving stairways.....	1.4	0.8	(D)	(D)	(D)	(D)	(D)	(D)
3535	Conveyors and conveying equipment.....	(NA)	3.1	2.9	1.8	2.2	1.1	(NA)	0.2

See footnotes at end of table.

TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry	Total		Sheet plate and foil (335202, 335203, and 335201)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
35	Machinery, except electrical--continued:								
3536	Hoists, cranes, and monorails.....	0.7	0.4	(D)	(D)	(D)	(D)	(D)	(D)
3537	Industrial trucks and tractors.....	4.6	2.7	(D)	(D)	(D)	(D)	(D)	(D)
3541	Machine tools, metal-cutting types.....	1.9	1.7	1.3	1.1	0.4	0.4	0.2	0.2
3542	Machine tools, metal-forming types.....	(NA)	1.3	0.4	0.4	(NA)	0.8	(NA)	0.1
3544	Special dies, tools, jigs, and fixtures.....	11.2	7.3	5.8	4.3	3.5	2.3	1.9	0.7
3545	Machine tool accessories.....	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.1
3548	Metalworking machinery, n.e.c.....	(NA)	2.1	(NA)	0.7	(D)	(D)	(D)	(D)
3551	Food products machinery.....	2.5	2.0	1.6	1.2	-	-	0.9	0.8
3552	Textile machinery.....	(NA)	5.5	2.3	1.7	(NA)	2.9	1.3	0.9
3555	Printing trades machinery.....	5.7	3.6	(D)	(D)	-	-	(D)	(D)
3559	Special industry machinery, n.e.c.....	6.2	4.4	3.4	2.3	1.1	0.8	1.7	1.3
3561	Pumps and compressors.....	1.5	1.2	-	-	1.1	0.9	0.4	0.3
3564	Blowers and fans.....	21.4	8.3	18.8	7.2	-	-	2.6	1.1
3565	Industrial patterns.....	(NA)	0.5	(NA)	0.4	(NA)	(Z)	(NA)	0.1
3567	Industrial furnaces and ovens.....	(NA)	4.4	(D)	(D)	(D)	(D)	(D)	(D)
3569	General industrial machinery, n.e.c.....	(NA)	5.2	3.9	2.4	(NA)	1.2	(NA)	1.6
3572	Typewriters.....	2.2	1.9	(D)	(D)	(D)	(D)	(D)	(D)
3573	Electronic computing equipment.....	8.9	8.4	(D)	(D)	(D)	(D)	(D)	(D)
3574	Calculating and accounting machines.....	3.6	2.0	(D)	(D)	(D)	(D)	(D)	(D)
3576	Scales and balances.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3579	Office machines, n.e.c.....	1.2	1.8	(?)	(?)	0.3	0.2	0.9	1.6
3581	Automatic merchandising machines.....	2.7	1.7	(D)	(D)	-	-	(D)	(D)
3582	Commercial laundry equipment.....	(NA)	0.6	(NA)	0.4	-	-	(NA)	0.2
3585	Refrigeration machinery.....	152.1	61.7	127.6	48.1	10.0	6.7	14.5	6.9
3586	Measuring and dispensing pumps.....	(NA)	0.4	(Z)	(Z)	(D)	(D)	(D)	(D)
3589	Service industry machines, n.e.c.....	(NA)	3.6	(NA)	2.8	-	-	(NA)	0.8
3599	Miscellaneous machinery, except electrical.....	47.0	29.3	12.4	11.5	14.1	9.3	20.5	8.5
36	Electrical equipment and supplies.....	371.8	190.9	184.0	92.7	98.6	55.8	89.2	42.4
3611	Electric measuring instruments.....	8.3	5.0	5.5	3.2	1.6	1.3	1.2	0.5
3612	Transformers.....	17.8	9.0	(D)	(D)	(D)	(D)	(D)	(D)
3613	Switchgear and switchboard apparatus.....	22.6	10.7	6.2	3.2	13.8	6.0	2.6	1.5
3621	Motors and generators.....	23.7	8.1	3.3	1.6	(D)	(D)	(D)	(D)
3622	Industrial controls.....	1.8	1.0	0.9	0.5	(D)	(D)	(D)	(D)
3624	Carbon and graphite products.....	(NA)	(Z)	(D)	(Z)	(D)	(Z)	(D)	(Z)
3629	Electrical industrial apparatus, n.e.c.....	12.2	5.1	10.2	3.7	1.5	0.9	0.5	0.5
3631	Household cooking equipment.....	(NA)	2.5	1.6	0.7	2.3	1.6	(NA)	0.2
3632	Household refrigerators and freezers.....	47.3	19.6	36.6	13.2	(D)	(D)	(D)	(D)
3633	Household laundry equipment.....	6.0	2.1	(D)	(D)	(D)	(D)	(D)	(D)
3634	Electric housewares and fans.....	27.6	11.8	22.6	9.2	1.3	0.8	3.7	1.8
3635	Household vacuum cleaners.....	(NA)	2.5	0.7	0.3	(D)	(D)	(D)	(D)
3636	Sewing machines.....	(D)	(Z)	(D)	(Z)	-	-	(D)	(Z)
3639	Household appliances, n.e.c.....	3.4	2.0	1.5	0.8	(D)	(D)	(D)	(D)
3642	Lighting fixtures.....	45.9	21.4	21.5	9.6	19.6	9.4	4.8	2.4
3643	Current-carrying wiring devices.....	11.8	4.7	2.5	1.2	6.6	2.6	2.7	0.9
3644	Noncurrent-carrying wiring devices.....	10.5	3.8	(D)	(D)	(D)	(D)	(D)	(D)
3651	Radio and TV receiving sets.....	7.4	4.3	2.6	1.4	(D)	(D)	(D)	(D)
3661	Telephone and telegraph apparatus.....	10.6	5.5	5.6	2.7	2.2	1.2	2.8	1.6
3662	Radio and TV communication equipment.....	(NA)	26.4	(NA)	11.9	17.3	12.1	3.7	2.4
3671	Electron tubes, receiving type.....	-	-	-	-	-	-	-	-
3672	Cathode ray picture tubes.....	(D)	(D)	(D)	(Z)	(D)	(Z)	(D)	(Z)
3673	Electron tubes, transmitting.....	0.4	0.7	0.2	0.2	(D)	(D)	(D)	(D)
3674	Semiconductors.....	0.8	0.6	0.4	0.3	0.3	0.2	0.1	0.1
3679	Electronic components, n.e.c.....	47.2	37.3	27.2	20.4	11.0	7.9	9.0	9.0
3694	Engine electrical equipment.....	(NA)	2.5	0.8	0.7	(NA)	0.2	2.4	1.6
3699	Electrical equipment, n.e.c.....	10.7	4.3	-	-	-	-	10.7	4.3
37	Transportation equipment.....	771.0	484.7	510.7	288.9	221.8	158.1	38.5	37.7
3711	Motor vehicles.....	34.2	15.7	25.3	11.3	7.4	3.6	1.5	0.8
3713	Truck and bus bodies.....	35.4	16.9	24.3	11.2	8.3	4.3	2.8	1.4
3714	Motor vehicle parts and accessories.....	74.0	37.9	47.8	22.8	21.2	12.1	5.0	3.0
3715	Truck trailers.....	143.2	58.1	72.7	31.1	68.2	26.0	2.3	1.0
3721	Aircraft.....	155.2	141.2	109.1	82.9	37.0	47.1	9.1	11.2
3722	Aircraft engines and engine parts.....	(NA)	11.2	6.9	5.2	2.5	3.4	(NA)	2.6
3729	Aircraft equipment, n.c.c.....	135.1	104.9	86.5	56.0	39.2	40.3	9.4	8.6

See footnotes at end of table.

TABLE 4C. Aluminum and Aluminum-Base Alloy Mill Shapes and Forms, by Selected Industry Groups and Industries: 1967--Continued

Code	Industry group and industry	Total		Sheet, plate and foil (335202, 335203, and 335231)		Extruded shapes (335205)		All other aluminum mill shapes and forms (335207, 335208, and 335209)	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
37	Transportation equipment--continued:								
3731	Ship building and repairing.....	22.2	17.2	7.4	4.0	(D)	(D)	(D)	(D)
3732	Boat building and repairing.....	22.1	10.2	17.7	7.1	4.1	2.9	0.3	0.2
3741	Locomotives and parts.....	0.9	0.6	(D)	(D)	(D)	(D)	(D)	(D)
3742	Railroad and street cars.....	19.1	15.5	15.5	13.6	(D)	(D)	(D)	(D)
3751	Motorcycles, bicycles, and parts.....	4.7	4.0	(D)	(D)	(D)	(D)	(D)	(D)
3791	Trailer coaches.....	(NA)	42.1	82.9	37.6	8.8	3.1	(NA)	1.4
3799	Transportation equipment, n.e.c.....	(NA)	9.2	14.1	5.9	(NA)	2.3	1.3	1.0
38	Instruments and related products.....	21.6	15.4	(D)	(D)	(D)	(D)	(D)	(D)
3811	Engineering and scientific instruments.....	4.2	3.0	3.2	2.1	0.7	0.6	0.3	0.3
3821	Mechanical measuring devices.....	4.2	3.6	1.7	1.3	0.7	0.8	1.8	1.5
3822	Automatic temperature controls.....	5.0	3.3	(D)	(D)	(D)	(D)	(D)	(D)
3831	Optical instruments and lenses.....	1.4	1.5	(X)	(X)	1.3	1.4	0.1	0.2
3861	Photographic equipment and supplies.....	6.8	3.9	(X)	(X)	(X)	(X)	6.8	3.9
39	Miscellaneous manufacturing industries.....	⁵ 48.6	⁵ 24.3	4.1	2.0	19.8	8.6	⁵ 24.7	⁵ 13.7
3941	Games and toys.....	3.5	1.1	-	-	-	-	3.5	1.1
3942	Dolls.....	-	-	-	-	-	-	-	-
3943	Children's vehicles, except bicycles.....	(D)	(D)	-	-	-	-	(D)	(D)
3949	Sporting and athletic goods, n.e.c.....	26.8	12.2	4.1	2.0	19.8	8.6	2.9	1.6
3963	Buttons.....	(NA)	0.4	-	-	-	-	(NA)	0.4
3964	Needles, pins, and fasteners.....	12.4	6.9	-	-	-	-	12.4	6.9
3999	Manufactures, n.e.c.....	5.9	3.7	-	-	-	-	5.9	3.7
19	Ordinance and accessories.....	⁶ 108.1	⁶ 73.0	(D)	(D)	(D)	(D)	(D)	(D)
1911	Ordinance and accessories, n.e.c., guns, howit- zers, and mortars.....	14.8	10.7	4.4	4.0	(D)	(D)	(D)	(D)
1925	Complete guided missiles.....	25.5	21.4	11.6	11.0	9.8	8.4	4.1	2.0
1929	Ammunition, except for small arms, n.e.c.....	47.5	25.5	11.1	6.0	(D)	(D)	(D)	(D)
1931	Tanks and tank components.....	17.1	13.3	(D)	(D)	(D)	(D)	(D)	(D)
1951	Small arms.....	3.2	2.1	(D)	(D)	(D)	(D)	(D)	(D)
1961	Small arms ammunition.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than one-half of the unit of measure specified. (e) Between 10-30 percent of this figure was imputed. (n.e.c.) Not elsewhere classified.

¹Major group (2-digit) totals include (a) data for individual industries for which data are publishable as well as for those industries which could not be published without disclosing the operations of individual companies, and (b) an estimate of quantities for industries for which cost data were publishable, but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities are based on averages derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

³Excludes aluminum and aluminum-base alloy mill shapes produced and consumed in nonferrous metal mills in the production of fabricated products.

⁴Data for industry 3357 represents mill shapes and forms other than rods, wire for redrawing, and bare wire. For industries 3391 and 3392, represents all aluminum and aluminum-base alloy mill shapes.

⁵Excludes data for industries 3914, Silverware and Related Ware, and 3943, Children's Vehicles, except Bicycles.

⁶Excludes data for industry 1961, Small Arms Ammunition.

⁷Data for these items are included with "all other aluminum mill shapes and forms".

TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries:
1967

Code	Industry group and industry ¹	Casting - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (339100)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	Metal fabricating industries, total ²	6,177.4	2,152.5	1,450.7	1,002.2	1,011.7	756.5	287.2	246.1	2,088.4	1,143.6	102.6	88.8
34	Fabricated metal products.....	380.4	153.1	350.3	166.4	77.4	49.4	111.3	86.9	(D)	(D)	(X)	(X)
35	Machinery, except electrical.....	2,285.8	931.9	563.5	425.8	206.1	205.8	87.7	81.2	(D)	(D)	(X)	(X)
36	Electrical equipment and supplies.....	250.9	90.5	58.2	30.7	178.4	120.8	40.5	36.7	(D)	(D)	(X)	(X)
37	Transportation equipment.....	(D)	(D)	430.9	337.5	484.9	322.9	(D)	(D)	(D)	(D)	72.2	77.3
38	Instruments and related products.....	3.0	0.3	11.4	10.1	45.4	34.4	18.2	15.5	(X)	(X)	(X)	(X)
39	Miscellaneous manufacturing industries..	(X)	(X)	(X)	(X)	(D)	(D)	4.2	4.0	(X)	(X)	(X)	(X)
19	Ordnance and accessories.....	(D)	(D)	36.4	31.7	(D)	(D)	(D)	(D)	113.5	55.7	10.4	11.5
34	Fabricated metal products, total....	380.4	153.1	350.3	166.4	77.4	49.4	111.3	86.9	(D)	(D)	1.4	1.5
3421	Cutlery.....	0.6	0.4	(Z)	(Z)	0.1	0.1	(X)	(X)	1.5	0.9	(X)	(X)
3423	Hand and edge tools, n.e.c.....	16.8	10.3	5.1	4.3	4.2	3.6	(X)	(X)	(NA)	18.9	(X)	(X)
3429	Hardware, n.e.c.....	55.1	24.6	8.3	5.1	6.8	4.9	11.3	9.6	(X)	(X)	(X)	(X)
3431	Metal sanitary ware.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
3432	Plumbing fittings, and brass goods.....	3.1	1.2	(D)	(D)	(D)	(D)	30.6	19.3	(X)	(X)	(X)	(X)
3433	Heating equipment, except electric.....	33.5	16.2	(X)	(X)	3.9	3.3	2.5	(X)	(X)	(X)	(X)	(X)
3441	Fabricated structural steel.....	4.4	1.7	64.9	18.1	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3442	Metal doors, sash, and trim.....	2.6	1.4	34.7	5.6	23.8	10.7	(X)	(X)	(X)	(X)	(X)	(X)
3443	Fabricated platework (boiler shops)....	(D)	(D)	(NA)	23.6	3.5	2.1	(X)	(X)	(X)	(X)	(X)	(X)
3444	Sheet metalwork.....	(NA)	0.8	(NA)	11.5	(NA)	4.1	(X)	(X)	(X)	(X)	(X)	(X)
3446	Architectural metalwork.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3499	Miscellaneous metalwork.....	1.1	0.5	(D)	(D)	(NA)	0.6	(X)	(X)	(X)	(X)	(X)	(X)
3451	Screw machine products.....	(X)	(X)	3.7	2.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3452	Bolts, nuts, rivets, and washers.....	(X)	(X)	4.6	3.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3461	Metal stampings.....	(D)	(D)	(X)	(X)	10.7	6.2	22.8	16.9	(X)	(X)	(X)	(X)
3481	Miscellaneous fabricated wire products..	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3494	Valves and pipe fittings.....	165.1	60.4	56.8	60.3	7.3	7.8	37.5	35.1	55.8	38.3	(X)	(X)
3498	Fabricated pipe and fittings.....	9.0	3.8	(NA)	5.0	(D)	(D)	(D)	(D)	6.2	3.6	0.1	0.1
3499	Fabricated metal products, n.e.c.....	10.8	4.8	16.5	11.2	3.2	3.0	1.8	1.3	1.9	1.3	1.3	1.4
35	Machinery, except electrical.....	2,285.8	931.9	563.5	425.8	206.1	205.8	87.7	81.2	(D)	(D)	(X)	(X)
3511	Steam engines and turbines.....	13.1	8.4	(D)	(D)	(D)	(D)	2.5	2.7	(D)	(D)	(X)	(X)
3519	Internal combustion engines, n.e.c.....	295.3	128.8	5.8	2.8	71.0	48.1	(D)	(D)	65.7	31.3	(X)	(X)
3522	Farm machinery.....	557.8	195.3	(NA)	15.9	15.8	9.3	(X)	(X)	117.4	44.3	(X)	(X)
3531	Construction machinery.....	246.9	103.4	177.6	124.1	13.3	12.2	3.6	3.4	313.6	145.9	(X)	(X)
3532	Mining machinery.....	13.7	7.4	42.3	30.5	0.2	0.3	1.2	1.2	12.3	9.0	(X)	(X)
3533	Oilfield machinery.....	13.9	5.5	36.3	19.4	(X)	(X)	1.2	1.4	23.5	12.0	(X)	(X)
3534	Elevators and moving stairways.....	11.4	4.6	3.8	3.5	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)
3535	Conveyors and conveying equipment.....	11.2	4.6	(NA)	2.4	(X)	(X)	(X)	(X)	(D)	(D)	(X)	(X)
3536	Hoists, cranes, and monorails.....	11.8	6.4	7.6	5.8	1.9	1.6	1.3	1.0	4.9	2.9	(X)	(X)
3537	Industrial trucks and tractors.....	51.2	14.4	9.1	6.7	(X)	(X)	(X)	(X)	4.6	4.1	(X)	(X)
3541	Machine tools metal-cutting types.....	160.2	76.6	13.1	10.3	(NA)	8.3	1.6	1.8	8.4	6.7	(X)	(X)
3542	Machine tools metal-forming types.....	43.5	18.7	23.9	12.9	1.0	1.1	2.1	2.2	10.1	6.9	(X)	(X)
3544	Special dies, tools, jigs and fixtures..	39.5	13.7	18.7	11.3	3.9	3.3	3.4	4.1	4.2	3.8	(X)	(X)
3545	Machine tool accessories.....	13.2	5.9	4.0	4.2	0.6	0.7	0.1	0.2	4.7	4.8	(X)	(X)
3548	Metalworking machinery, n.e.c.....	18.6	8.8	21.8	12.2	18.4	15.6	1.8	1.5	(NA)	8.8	(X)	(X)
3551	Food products machinery.....	20.1	10.7	4.3	3.6	3.0	3.6	2.0	1.9	(X)	(X)	(X)	(X)
3552	Textile machinery.....	55.0	20.9	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3553	Woodworking machinery.....	20.0	7.2	(X)	2.8	(NA)	4.1	(X)	(X)	(D)	(D)	(X)	(X)
3554	Paper industries machinery.....	29.4	11.6	4.5	3.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3555	Printing trades machinery.....	66.6	28.8	(X)	(X)	2.6	2.9	(X)	(X)	(X)	(X)	(X)	(X)
3559	Special industry machinery, n.e.c.....	44.4	21.3	36.6	23.9	(NA)	5.3	3.8	4.1	(X)	(X)	(X)	(X)
3561	Pumps and compressors.....	143.7	63.7	27.2	26.9	9.2	7.1	14.5	15.4	19.5	20.7	(X)	(X)
3562	Ball and roller bearings.....	23.7	10.0	9.3	6.7	(D)	(D)	4.0	4.7	31.3	22.1	(X)	(X)
3564	Blowers and fans.....	7.5	3.6	(D)	(D)	(NA)	3.8	(D)	(D)	(X)	(X)	(X)	(X)
3565	Industrial patterns.....	2.1	1.5	(NA)	0.2	(NA)	2.1	(NA)	0.1	(X)	(X)	(X)	(X)
3566	Power transmission equipment.....	105.8	37.7	9.8	6.9	6.4	5.3	10.9	9.4	56.1	25.6	(X)	(X)
3567	Industrial furnaces and ovens.....	(X)	(X)	4.5	2.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3569	General industrial machinery, n.e.c.....	21.6	10.5	5.1	5.1	(NA)	3.3	4.3	4.4	(X)	(X)	(X)	(X)
3572	Typewriters.....	(X)	(X)	1.2	0.7	1.8	1.9	(X)	(X)	(X)	(X)	(X)	(X)
3573	Electronic computing equipment.....	(X)	(X)	(NA)	2.8	3.2	4.1	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries:
1967--Continued

Code	Industry group and industry ¹	Castings - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (339100)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
3574	Calculating and accounting machines....	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3576	Scales and balances.....	(X)	(X)	0.3	0.2	(NA)	1.8	(X)	(X)	(X)	(X)	(X)	(X)
3579	Office machines, n.e.c.....	(X)	(X)	1.7	0.8	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3581	Automatic vending machines.....	(NA)	0.9	(X)	(X)	(D)	(D)	0.1	0.1	(X)	(X)	(X)	(X)
3582	Commercial laundry equipment.....	12.2	5.7	(X)	(X)	(D)	(D)	0.4	0.3	(X)	(X)	(X)	(X)
3585	Refrigeration machinery.....	132.2	50.0	12.6	7.4	24.8	12.0	2.4	2.0	13.5	5.6	(X)	(X)
3586	Measuring and dispensing pumps.....	12.0	3.7	(X)	(X)	6.3	4.7	1.9	1.7	(X)	(X)	(X)	(X)
3589	Service industry machines, n.e.c.....	11.0	5.8	(X)	(X)	6.3	4.7	1.9	1.7	(X)	(X)	(X)	(X)
3599	Miscellaneous machinery, except electrical.....	75.2	35.8	24.5	19.9	44.7	29.3	(NA)	6.2	(X)	(X)	(X)	(X)
36	Electrical equipment and supplies..	250.9	90.5	58.2	30.7	178.4	120.8	40.5	36.7	(D)	(D)	(X)	(X)
3611	Electric measuring instruments.....	(X)	(X)	0.2	0.7	2.1	1.6	0.1	0.1	(X)	(X)	(X)	(X)
3613	Switchgear and switchboard apparatus...	(X)	(X)	3.4	2.4	6.9	5.7	14.1	13.2	(X)	(X)	(X)	(X)
3621	Motors and generators.....	90.7	35.5	4.5	3.5	22.8	13.6	3.2	2.6	4.9	3.3	(X)	(X)
3622	Industrial controls.....	(X)	(X)	5.2	3.6	5.2	1.9	1.5	1.1	(X)	(X)	(X)	(X)
3623	Welding apparatus.....	(X)	(X)	(X)	(X)	(X)	(X)	3.1	3.3	(X)	(X)	(X)	(X)
3631	Household cooking equipment.....	7.9	3.3	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3632	Household refrigerators and freezers...	(D)	(D)	(D)	(D)	4.3	3.2	(X)	(X)	(D)	(D)	(X)	(X)
3633	Household laundry equipment.....	46.9	12.0	(X)	(X)	5.4	3.3	(X)	(X)	(X)	(X)	(X)	(X)
3634	Electric housewares and fans.....	(D)	(D)	(X)	(X)	19.6	10.7	(X)	(X)	(X)	(X)	(X)	(X)
3635	Household vacuum cleaners.....	(X)	(X)	(X)	(X)	7.1	6.4	(X)	(X)	(X)	(X)	(X)	(X)
3636	Sewing machines.....	(D)	(D)	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3639	Household appliances, n.e.c.....	8.8	4.6	(X)	(X)	4.5	2.6	(X)	(X)	(X)	(X)	(X)	(X)
3642	Lighting fixtures.....	17.1	6.0	9.1	5.1	33.1	19.2	2.1	1.9	(X)	(X)	(X)	(X)
3643	Current-carrying wiring devices.....	5.1	1.3	(X)	(X)	(NA)	3.3	2.1	2.1	(X)	(X)	(X)	(X)
3644	Noncurrent-carrying wiring devices.....	8.4	5.8	(X)	(X)	9.1	4.9	0.6	0.8	(X)	(X)	(X)	(X)
3651	Radio and TV receiving sets.....	(X)	(X)	(X)	(X)	3.8	3.0	(X)	(X)	(X)	(X)	(X)	(X)
3661	Telephone and telegraph apparatus.....	(X)	(X)	(X)	(X)	9.9	5.8	(X)	(X)	(X)	(X)	(X)	(X)
3662	Radio, TV communication equipment.....	(X)	(X)	(NA)	11.4	21.9	22.8	1.9	1.8	(X)	(X)	(X)	(X)
3673	Electron tubes, transmitting.....	(X)	(X)	(D)	(D)	(Z)	(Z)	(D)	(D)	(X)	(X)	(X)	(X)
3674	Semiconductors.....	(X)	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)
3679	Electronic components, n.e.c.....	(X)	(X)	(NA)	2.0	5.3	5.0	11.2	9.0	(X)	(X)	(X)	(X)
3694	Engine electrical equipment.....	13.1	4.7	(X)	(X)	13.7	7.7	(X)	(X)	(X)	(X)	(X)	(X)
37	Transportation equipment.....	(D)	(D)	430.9	337.5	484.9	322.9	(D)	(D)	(D)	(D)	92.2	77.3
3711	Motor vehicles.....	504.9	139.3	24.5	16.6	55.2	38.9	(D)	(D)	84.4	39.6	(X)	(X)
3713	Truck and bus bodies.....	6.1	2.6	6.3	2.7	0.4	0.4	0.2	0.2	0.5	0.3	(D)	(D)
3714	Motor vehicle parts and accessories....	2,593.1	758.5	135.8	108.3	373.1	186.3	16.1	11.4	881.9	392.8	47.7	15.5
3715	Truck trailers.....	6.1	2.6	6.3	2.7	0.4	0.4	0.2	0.2	0.5	0.3	(D)	(D)
3721	Aircraft.....	(X)	(X)	3.0	5.0	9.8	21.0	0.1	0.2	3.8	10.1	10.5	17.1
3722	Aircraft engines and engine parts.....	(X)	(X)	(NA)	51.4	17.7	41.3	0.4	0.4	49.9	83.7	14.1	18.0
3729	Aircraft equipment, n.e.c.....	(X)	(X)	15.7	27.4	19.4	25.8	3.5	3.4	(NA)	48.3	19.7	26.3
3731	Ship building and repairing.....	(X)	(X)	9.3	8.3	0.9	0.9	2.6	3.2	(X)	(X)	(X)	(X)
3732	Boat building and repairing.....	(X)	(X)	0.3	0.2	0.6	0.4	(NA)	1.7	(X)	(X)	(X)	(X)
3741	Locomotives and parts.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(D)	(D)	(D)	(X)	(X)
3742	Railroad and street cars.....	103.6	43.6	195.5	100.7	3.6	2.1	(X)	(X)	49.6	19.0	(X)	(X)
3751	Motorcycles, bicycles, and parts.....	(X)	(X)	(D)	(D)	(X)	(X)	(X)	(X)	7.0	3.8	(X)	(X)
3791	Trailer coaches.....	(X)	(X)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
3799	Transportation equipment, n.e.c.....	(X)	(X)	2.5	1.5	(X)	(X)	(X)	(X)	0.4	0.2	(X)	(X)
38	Instruments and related products...	3.0	0.3	11.4	10.1	45.4	34.4	18.2	15.5	(X)	(X)	(X)	(X)
3811	Engineering and scientific instruments.	(X)	(X)	0.7	1.0	3.3	3.0	1.0	0.8	(X)	(X)	(X)	(X)
3821	Mechanical measuring devices.....	(X)	(X)	6.3	6.7	20.9	17.7	11.0	9.1	(X)	(X)	(X)	(X)
3822	Automatic temperature controls.....	(X)	(X)	(D)	(D)	7.6	4.8	6.2	5.6	(X)	(X)	(X)	(X)
3831	Optical instruments and lenses.....	3.0	0.3	(D)	(D)	4.5	3.6	(Z)	(Z)	(X)	(X)	(X)	(X)
3861	Photographic equipment and supplies....	(X)	(X)	(X)	(X)	(NA)	5.3	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 4D. Selected Castings and Forgings Consumed, by Selected Industry Groups and Industries:
1967--Continued

Code	Industry group and industry	Castings - rough and semifinished								Forgings			
		Iron (gray and malleable) (332011)		Steel (332300)		Aluminum and aluminum-base alloy (336100)		Copper and copper-base alloy (336200)		Iron and steel (33910C)		Aluminum and aluminum-base alloy (339200)	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
39	Miscellaneous manufacturing industries.....	(X)	(X)	(X)	(X)	(D)	(D)	4.2	4.0	(X)	(X)	(X)	(X)
3914	Silverware and plated ware.....	(X)	(X)	(X)	(X)	(D)	(D)	0.5	0.5	(X)	(X)	(X)	(X)
3949	Sporting and athletic goods, n.e.c....	(X)	(X)	(X)	(X)	2.7	2.3	(X)	(X)	(X)	(X)	(X)	(X)
3999	Manufacturers, n.e.c.....	(X)	(X)	(X)	(X)	(X)	(X)	3.7	3.5	(X)	(X)	(X)	(X)
19	Ordinance and accessories.....	(D)	(D)	36.4	31.7	(D)	(D)	(D)	(D)	113.5	55.7	10.4	11.5
1925	Complete guided missiles.....	(X)	(X)	0.7	0.5	1.5	3.3	(D)	(D)	0.2	0.7	1.2	1.3
1929	Ammunition, except for small arms, n.e.c.....	12.4	7.6	2.5	1.2	5.1	7.8	0.1	0.1	97.2	42.4	3.3	5.4
1931	Tanks and tank components.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
1951	Small arms.....	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(D)	(D)	(D)	(D)
1911	Guns, howitzers, and mortars	(D)	(D)	3.6	2.6	7.8	6.9	(D)	(D)	2.2	4.5	(NA)	0.4
1999	Ordinance and accessories, n.e.c.....												

Note: The data shown in this table represent purchases by metal fabricating plants from other establishments including interplant transfers between establishments operated by the same company. Data on the quantities of castings and forgings produced and consumed in the same establishment are excluded from this table but are available for selected industries in the industry by materials tables in another portion of this report.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than one-half of the unit of measure specified.

¹Major group (2-digit) totals include (a) data for individual industries for which data are published as well as for those industries which could not be published without disclosing the operations of individual companies and (b) an estimate of quantities for industries for which cost data were publishable but for which quantity data were suppressed because of significant nonreporting of quantity figures. The estimates for quantities were based on an average for a 2-digit industry group derived from those industry totals within the group for which valid totals of quantity and associated cost were reported.

²The "Metal fabricating industries" include establishments whose primary activity is the manufacture of products fabricated beyond the metal mill or foundry level.

TABLE 4E. Ball and Roller Bearings Consumed for Selected Industries: 1967

Code	Industry	Delivered cost (million dollars)			Code	Industry	Delivered cost (million dollars)		
		Total	Ball bearings	Roller bearings			Total	Ball bearings	Roller bearings
			(356218)	(356209)				(356218)	(356209)
	Total.....	610.3	269.9	340.4	3564	Blowers and fans.....	3.5	3.1	0.4
3511	Steam engines and turbines.....	2.8	0.9	1.9	3566	Power transmission equipment.....	19.1	10.8	8.3
3519	Internal combustion engines.....	8.7	5.6	3.1	3569	General industrial machinery, n.e.c....	1.7	1.0	0.7
3522	Farm machinery.....	55.4	35.7	19.7	3573	Electronic computing equipment.....	4.1	(D)	(D)
3531	Construction machinery.....	55.1	18.6	36.5	3576	Scales and balances.....	0.2	(D)	(D)
3532	Mining machinery.....	4.8	1.4	3.4	3579	Office machines, n.e.c.....	1.0	(D)	(D)
3533	Oilfield machinery.....	5.1	2.6	2.5	3585	Refrigeration machinery.....	5.9	5.7	0.2
3534	Elevators and moving stairways.....	1.4	1.0	0.4	3611	Electric measuring instruments.....	0.6	0.6	-
3535	Conveyors and conveying equipment.....	8.4	4.6	3.8	3621	Motors and generators.....	22.4	20.7	1.7
3536	Hoists, cranes, and monorails.....	4.9	1.8	3.1	3694	Engine electrical equipment.....	13.0	(D)	(D)
3537	Industrial trucks and tractors.....	3.2	1.6	1.6	3711	Motor vehicles.....	38.0	13.0	25.0
3541	Machine tools, metal-cutting types....	17.2	12.1	5.1	3713	Truck and bus bodies.....	0.3	0.2	0.1
3542	Machine tools, metal-forming types....	3.1	1.5	1.6	3714	Motor vehicle parts and accessories...	127.7	26.9	100.8
3544	Special dies, tools, jigs, and fixtures	0.9	0.6	0.3	3715	Truck trailers.....	1.4	(D)	(D)
3545	Machine tool accessories.....	0.8	0.6	0.2	3721	Aircraft.....	5.9	2.7	3.2
3548	Metalworking machinery, n.e.c.....	17.5	8.8	8.7	3722	Aircraft engines and parts.....	14.4	9.1	5.3
3551	Food products machinery.....	4.8	3.2	1.6	3729	Aircraft equipment, n.e.c.....	23.8	15.2	8.6
3552	Textile machinery.....	7.1	5.8	1.3	3742	Railroad and street cars.....	43.9	(D)	(D)
3553	Woodworking machinery.....	2.6	(D)	(D)	3751	Motorcycles, bicycles, and parts.....	1.5	(D)	(D)
3554	Paper industries machinery.....	7.2	5.4	1.8	3799	Transportation equipment, n.e.c.....	1.1	0.4	0.7
3555	Printing trades machinery.....	5.0	(D)	(D)	3811	Engineering and scientific instruments	2.1	(D)	(D)
3559	Special industry machines, n.e.c.....	7.5	3.9	3.6	3821	Mechanical measuring devices.....	1.5	1.4	0.1
3561	Pumps and compressors.....	12.5	7.1	5.4	1925	Complete guided missiles.....	0.3	0.3	-
3562	Ball and roller bearings.....	23.3	15.6	7.7	1951	Small arms.....	1.2	1.0	0.2
						All other industries ¹	23.2	17.9	5.3

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. n.e.e. Not elsewhere classified.

¹Includes industries 3433, Heating Equipment, Except Electric; 3572, Typewriters; 3574, Calculating and Accounting Machines; 3586, Measuring and Dispensing Pumps; 3632, Household Refrigerators and Freezers; 3741, Locomotives and Parts; 3791, Trailer Coaches; 3822, Automatic Temperature Controls; 3831, Optical Instruments and Lenses; 1929, Ammunition, n.e.c.; 1931, Except for Small Arms, Tanks and Tank Components; 1961, Small arms Ammunition; 1911, Guns, Howitzers, and Mortars; and 1999, Ordnance and Accessories.

TABLE 4F. Electric Motors and Generators Consumed, by Selected Industries: 1967

Code	Industry	Timing motors, synchronous and subsynchronous (362110)		Other fractional horsepower motors (362115)		Integral horsepower motors and generators (362120)	
		Number (1,000)	Delivered cost (million dollars)	Number (1,000)	Delivered cost (million dollars)	Number (1,000)	Delivered cost (million dollars)
	Total.....	(NA)	180.2	(NA)	472.2	(NA)	368.1
3433	Heating equipment, except electric.....	1,505.5	15.9	1,201.1	15.8	42.5	3.0
3511	Steam engines and turbines.....	-	(Z)	-	-	(1)	(1)
3519	Internal combustion engines, n.e.c.	-	-	-	(Z)	98.6	16.0
3522	Farm machinery.....	-	-	(NA)	9.4	133.7	9.2
3531	Construction machinery.....	-	-	-	-	(NA)	22.3
3532	Mining machinery.....	-	-	-	-	8.5	5.9
3534	Elevators and moving stairways.....	-	-	12.3	0.7	7.7	3.6
3535	Conveyors and conveying equipment.....	-	-	42.4	3.1	25.1	4.1
3536	Hoists, cranes, and monorails.....	-	-	-	-	33.5	6.9
3537	Industrial trucks and tractors.....	-	-	(NA)	1.7	(NA)	2.4
3541	Machine tools, metal-cutting types.....	² 174.4	² 7.7	(2)	(2)	110.8	21.2
3542	Machine tools, metal-forming types.....	(NA)	0.4	(NA)	1.4	26.2	11.1
3544	Special dies, tools, jigs, and fixtures.....	5.8	0.3	4.2	0.3	2.4	0.6
3545	Machine tool accessories.....	(1)	(1)	6.1	0.3	(NA)	1.4
3548	Metalworking machinery, n.e.c.	(1)	(1)	(NA)	5.9	(NA)	3.5
3551	Food products machinery.....	-	-	127.9	5.0	53.2	7.1
3552	Textile machinery.....	-	-	-	-	(NA)	7.0
3553	Woodworking machinery.....	-	-	-	-	73.2	5.7
3554	Paper industries machinery.....	-	-	-	-	20.6	13.4
3555	Printing trades machinery.....	-	-	61.6	2.5	13.1	6.6
3559	Special industry machines, n.e.c.	-	-	(NA)	9.6	95.8	21.9
3561	Pumps and compressors.....	-	-	1,617.0	28.7	366.6	40.1
3564	Blowers and fans.....	² 677.4	² 12.1	(2)	(2)	128.9	10.8
3569	General industrial machinery, n.e.c.	-	-	124.0	4.8	23.9	3.0
3572	Typewriters.....	² 1,359.9	² 5.8	(2)	(2)	(1)	(1)
3573	Electronic computing and related machines.....	(NA)	4.7	(1)	(1)	(1)	(1)
3574	Calculating and accounting machines.....	214.3	0.5	(1)	(1)	57.6	4.3
3576	Scales and balances.....	4.1	0.4	11.3	0.5	(NA)	0.3
3579	Office machines, n.e.c.	313.8	2.1	208.1	2.6	-	-
3581	Automatic merchandising machines.....	921.8	4.7	(NA)	1.6	(1)	(1)
3582	Commercial laundry equipment.....	(NA)	0.9	79.1	2.1	25.2	3.5
3585	Refrigeration machinery.....	(NA)	27.9	9,979.0	104.2	4,240.0	107.9
3586	Measuring and dispensing pumps.....	-	-	148.5	3.5	(D)	(1)
3589	Service industry machines, n.e.c.	108.2	2.7	336.2	5.0	52.7	4.7
3611	Electric measuring instruments.....	-	-	0.2	1.3	-	-
3621	Transformers.....	-	-	-	-	38.3	10.9
3631	Household cooking equipment.....	(1)	(1)	1,345.6	3.0	(1)	(1)
3632	Household refrigerators and freezers.....	1,381.8	4.4	12,555.0	74.8	(1)	(1)
3633	Household laundry equipment.....	4,335.5	20.1	5,368.3	51.0	-	-
3634	Electric housewares and fans.....	² 6,224.7	² 16.8	(2)	(2)	64.4	0.2
3635	Household vacuum cleaners.....	(1)	(1)	914.6	5.2	(1)	(1)
3636	Sewing machines.....	(1)	(1)	(1)	(1)	-	-
3639	Household appliances, n.e.c.	2,023.3	4.9	2,151.0	20.1	10.6	0.5
3651	Radio and TV receiving sets.....	6.0	11.2	4.3	11.5	-	-
3662	Radio and TV communication equipment.....	(NA)	18.7	271.3	9.7	-	-
3679	Electronic components, n.e.c.	173.0	1.9	(1)	(1)	-	-
3711	Motor vehicles.....	-	-	(1)	(1)	-	-
3713	Truck and bus bodies.....	-	-	(1)	(1)	-	-
3714	Motor vehicle parts and accessories.....	-	-	81.7	0.4	-	-
3721	Aircraft.....	5.8	0.6	2,521.6	10.2	(Z)	(Z)
				8.6	0.8	13.3	1.8
3722	Aircraft engines and engine parts.....	45.8	1.5	(1)	(1)	0.4	0.2
3729	Aircraft equipment, n.e.c.	(1)	(1)	(1)	(1)	(1)	(1)
3731	Ship building and repairing.....	-	-	-	-	3.2	6.2
3732	Boat building and repairing.....	-	-	-	-	1.0	1.0
3741	Locomotives and parts.....	-	-	-	-	(1)	(1)
3811	Engineering and scientific instruments.....	0.3	4.7	0.2	4.5	-	-
3821	Mechanical measuring devices.....	0.7	6.0	0.2	2.8	-	-
3822	Automatic temperature control.....	² 3.2	² 4.3	(2)	(2)	-	-
3861	Photographic equipment and supplies.....	0.7	3.2	1.8	5.4	-	-
3871	Watches and clocks.....	3,138.1	4.4	(1)	(1)	-	-
3941	Games and toys.....	-	-	28,940.2	4.3	-	-
3949	Sporting and athletic goods, n.e.c.	-	-	283.3	4.8	-	-
1925	Complete guided missiles.....	(1)	(1)	(1)	(1)	(1)	(1)
	All other industries.....	(NA)	10.6	(NA)	35.9	16	37.6

Note: Data are limited to electric motors and generators purchased from other companies (including imports), or received from other establishments of the same company. Those produced and consumed in the same establishment are excluded.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$500 thousand. n.e.c. Not elsewhere classified.

¹Included with "All other industries".

²Data for all other fractional horsepower motors are included with timing motors, synchronous and subsynchronous.

The following tables are reprinted from
the 80 separate industry reports.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Description of materials	1967			1963		
		Number of head (1,000)	Quantity (million pounds)	Delivered cost (million dollars)	Number of head (1,000)	Quantity (million pounds)	Delivered cost (million dollars)
INDUSTRY 2011.--MEATPACKING PLANTS							
	Materials, containers, and supplies, total.....	(X)	(X)	12,687.7	(X)	(X)	10,007.4
013513	Cattle.....	28,252.7	28,972.0	6,732.0	23,748.6	24,461.1	4,980.8
013523	Calves.....	4,229.9	11,075.9	280.1	4,931.4	971.5	256.6
013943	Sheep and lambs.....	11,560.7	1,130.8	245.5	14,807.3	1,421.5	284.3
013633	Hogs.....	74,579.2	18,443.5	3,500.0	77,425.0	18,194.9	2,822.2
Fresh and frozen meats:							
201111	Beef.....	(X)	701.9	285.4	(X)	536.6	192.0
201121	Veal.....	(X)	17.9	8.0	(X)	25.7	10.4
201131	Lamb.....	(X)	14.8	6.5	(X)	40.3	11.9
201141	Pork.....	(X)	828.6	282.5	(X)	1,239.6	390.6
201101	Meat materials for sausage and canning, not separable by species	(X)	440.3	146.1	(X)	334.7	112.4
201161	Processed pork--cured, smoked, etc.....	(X)	134.4	51.7	(X)	155.2	46.9
201102	Other purchased meat, materials (cured beef, cured lamb, goat meat, etc.).....	(X)	49.8	18.5	(X)	83.0	20.8
201191	Hides, skins, and pelts purchased.....	(X)	(X)	29.6	(X)	(X)	22.8
Casings:							
201391	Animal casings purchased.....	(X)	(X)	12.4	(X)	(X)	14.2
307914	Synthetic casings.....	(X)	(X)	26.1	(X)	(X)	24.2
970099	All other materials, ingredients, containers, packaging materials and supplies.....	(X)	(X)	615.7	(X)	(X)	474.8
976000	Materials, etc., n.s.k ²	(X)	(X)	447.6	(X)	(X)	342.3
Material		1967		1963			
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)		
INDUSTRY 2013.--SAUSAGES AND OTHER PREPARED MEATS							
Materials, containers, and supplies, total.....		(X)	1,890.0	(X)	1,296.6		
013513	Cattle.....	(X)	(³)	(X)	(³)		
013523	Calves.....	(X)	(³)	(X)	(³)		
013943	Sheep and lambs.....	(X)	(³)	(X)	(³)		
013633	Hogs.....	(X)	(³)	(X)	(³)		
Fresh and frozen meats:							
201111	Beef.....	819.1	328.2	746.3	251.8		
201121	Veal.....	27.1	12.4	36.8	14.7		
201131	Lamb.....	37.6	13.2	25.6	7.3		
201141	Pork.....	1,639.9	580.9	1,480.2	440.1		
201101	Meat materials for sausage and canning, not separable by species.....	845.3	305.4	539.1	147.2		
201161	Processed pork--cured, smoked, etc.....	291.0	117.4	184.9	61.6		
201102	Other purchased meat, materials (cured beef, cured lamb, goat meat, etc.).....	37.3	13.5	91.1	30.2		
201191	Hides, skins, and pelts purchased.....	(X)	0.6	(X)	(³)		
Casings:							
201391	Animal casings purchased.....	(X)	34.0	(X)	33.3		
307914	Synthetic casings.....	(X)	25.2	(X)	23.6		
970099	All other materials, ingredients, containers, packaging materials and supplies.....	}	(X) {	257.3	(X)	173.1	
976000	Materials, etc., n.s.k. ²			201.9	(X)	113.8	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2015.--POULTRY DRESSING PLANTS					
	Materials, parts, and supplies, total.....		(X)	2,244.5	(X)	1,743.8
	Fowlry killed:					
013011	Young chickens (including commercial broilers).....	Live weight				
		million lbs.....	8,644.1	1,285.1	6,174.8	946.6
013021	Hens (or fowl) and other chickens.....	...do.....	671.6	69.7	617.8	79.6
013431	Turkeys.....	...do.....	1,884.4	392.3	1,197.6	272.0
013435	Other poultry and small game (including ducks, geese, rabbits, etc.).....		(X)	11.7	(X)	10.8
	Other materials used:					
201501	Dressed poultry purchased as such.....	Dressed weight				
		million lbs.....	339.2	90.4	256.3	66.5
013451	Shell eggs.....	1,000 cases				
		(30 doz.).....	15,852.6	117.5	12,423.8	109.4
970099	All other materials, ingredients, containers, and supplies.....		(X)	181.0	(X)	150.9
976000	All other materials, parts, and supplies, n.s.k. ²		(X)	96.8	(X)	107.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹An extensive review of these data have shown that a substantial number of establishments have included "baby beef" in this category.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

³Included in All Other Materials, Code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2021.--CREAMERY BUTTER						
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	773.0	(X)	784.0
013205	Whole milk.....	Million cwt.....	110.5	452.6	145.7	475.7
202612	Fluid skim milk.....	..do.....	7.8	11.6	14.4	14.6
202613	Cream.....	..do.....	4.7	154.8	7.6	161.1
202101	Butter ²	Million lbs.....	47.5	32.7	25.9	13.3
202401	Ice cream mix, sherbet mix, and ice milk mix.....	1,000 gals.....	(D)	(D)	94.5	1.0
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	(X)	(³)	757.4	8.0
202210	Natural cheese other than cottage.....	Million lbs.....	(D)	(D)	3.5	1.2
202301	Condensed and evaporated milk.....	..do.....	6.0	0.6	38.9	1.4
202311	Dried milk.....	..do.....	15.8	3.2	8.4	1.2
970099	All other materials, ingredients, containers, and supplies.....		(X)	39.7	(X)	35.2
976000	Materials, n.s.k. ¹		(X)	76.2	(X)	71.3
INDUSTRY 2022.--CHEESE, NATURAL AND PROCESSED						
	Materials, containers, and supplies, total.....		(X)	1,391.5	(X)	932.4
013205	Whole milk.....	Million cwt.....	133.2	551.7	122.9	403.9
202612	Fluid skim milk.....	..do.....	3.9	5.7	5.4	5.5
202613	Cream.....	..do.....	1.0	32.9	1.1	30.9
202101	Butter.....	Million lbs.....	(D)	(D)	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	13.6	0.9	14.0	0.6
202311	Dried milk.....	..do.....	28.3	5.2	12.6	2.0
202210	Natural cheese, other than cottage cheese.....	..do.....	1,258.2	574.3	848.3	312.0
202401	Ice cream mix, sherbet mix, and ice milk mix.....	1,000 gals.....	(D)	(D)	(D)	(D)
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	27.3	0.3	54.4	0.6
970099	All other materials and components, containers, and supplies.....		(X)	122.3	(X)	78.4
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	95.6	(X)	97.1
INDUSTRY 2023.--CONDENSED AND EVAPORATED MILK						
	Materials, containers, and supplies, total.....		(X)	836.3	(X)	657.4
013205	Whole milk.....	Million cwt.....	97.1	412.5	100.8	341.5
202612	Fluid skim milk.....	..do.....	26.4	39.6	48.5	39.0
202613	Cream.....	..do.....	0.8	26.9	0.7	21.3
202101	Butter.....	Million lbs.....	13.5	9.6	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	237.1	19.3	165.2	10.3
202311	Dried milk.....	..do.....	239.8	49.6	260.1	41.4
202210	Natural cheese, other than cottage cheese.....	..do.....	5.3	2.5	(D)	(D)
202401	Ice cream mix, sherbet mix, and ice milk mix.....	Million gals.....	1.3	1.5	(D)	(D)
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	2,503.0	26.2	1,492.3	14.5
970099	All other materials and components, containers, and supplies....		(X)	208.2	(X)	153.5
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	40.4	(X)	27.2
INDUSTRY 2024.--ICE CREAM AND FROZEN DESSERTS						
	Materials, containers, and supplies, total.....		(X)	564.9	(X)	538.9
013205	Whole milk.....	Million cwt.....	5.7	27.5	12.6	48.9
202612	Fluid skim milk.....	..do.....	1.3	4.4	1.3	2.3
202613	Cream.....	..do.....	3.2	106.4	3.5	103.1
202101	Butter.....	Million lbs.....	28.5	15.3	(D)	(D)
202401	Ice cream mix, sherbet mix and ice milk mix.....	Million gals.....	61.9	55.8	62.0	55.1
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	4,023.5	37.2	3,879.7	39.5
202210	Natural cheese, other than cottage.....	Million lbs.....	-	-	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	365.0	46.0	439.6	45.2
202311	Dried milk.....	..do.....	60.8	11.3	56.2	8.3
970099	All other materials and components, parts, containers and supplies.....		(X)	200.0	(X)	176.0
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	61.0	(X)	53.2
INDUSTRY 2026.--FLUID MILK						
	Materials, containers, and supplies, total.....		(X)	4,817.5	(X)	4,232.1
013205	Whole milk.....	Million cwt.....	614.4	3,454.7	631.6	2,970.5
202612	Fluid skim milk.....	..do.....	21.1	51.8	25.3	32.0
202613	Cream.....	..do.....	4.3	132.7	4.9	130.1
202101	Butter.....	Million lbs.....	56.4	38.6	(D)	(D)
202401	Ice cream mix, sherbet mix, and ice milk mix.....	Million gals.....	36.7	37.6	44.2	37.9
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	4,119.3	42.0	3,419.2	35.7
202210	Natural cheese, other than cottage.....	Million lbs.....	7.7	3.6	(D)	(D)
202301	Condensed and evaporated milk.....	..do.....	139.1	12.6	156.0	8.9
202311	Dried milk.....	..do.....	176.0	36.2	108.6	17.5
970099	All other materials and components, parts, containers, and supplies.....		(X)	607.9	(X)	543.4
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	399.8	(X)	456.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Cost of delivered butter for Industry 2021, Creamery Butter, probably should have been reported by respondents as part of their cost of resales.

³Included with material code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix. Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2031.--CANNED AND CURED SEAFOODS					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	261.9	(X)	228.8
091211	Finfish, round.....	1,000 short tons.	402.8	137.6	476.8	126.9
091311	Shellfish.....	do.....	125.5	37.2	76.6	23.1
209006	Fats and oils, all types (purchased as such).....	million pounds...	25.7	3.4	36.7	4.9
260091	Paper and paperboard containers.....		(X)	3.4	(X)	4.3
340001	Metal containers.....		(X)	29.4	(X)	34.0
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	25.4	(X)	21.2
976000	Materials, n.s.k. ¹		(X)	25.5	(X)	14.3
	INDUSTRY 2032.--CANNED SPECIALTIES					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	709.3	(X)	566.8
012290	Fresh fruit.....	1,000 short tons.	129.1	9.8	122.7	8.1
	Fresh vegetables:					
012311	Green peas.....	...dc.....	7.0	0.8	5.0	0.8
011951	Irish potatoes.....	...do.....	58.7	2.8	49.6	2.1
012341	Tomatoes.....	...do.....	543.6	22.5	636.2	20.5
012331	Sweet corn.....	...do.....	67.9	1.9	(²)	(²)
012321	Snap or wax beans.....	...do.....	19.5	1.8	13.8	1.5
012391	Other fresh vegetables.....	...do.....	(X)	26.8	(X)	20.2
	Other materials, ingredients, containers, and supplies:					
203413	Dried beans.....	...do.....	182.7	31.3	191.8	32.4
206011	Sugar (cane and beet).....	1,000 cwt.....	1,286.3	12.5	1,710.1	16.8
209006	Fats and oils, all types.....	Million pounds...	52.9	8.2	54.6	7.5
203411	Dried fruit.....	1,000 short tons.	2.8	1.2	2.0	0.8
201013	Fresh and prepared meats, other than poultry.....	Million pounds...	178.8	69.8	141.3	50.3
204110	Wheat flour.....	1,000 cwt.....	2,077.5	15.4	1,479.4	10.4
201501	Dressed poultry.....	Million pounds...	34.5	10.9	166.3	64.5
203348	Concentrated fruit juices.....	1,000 gallons....	0.3	0.8	(X)	(X)
	Containers:					
265011	Paperboard containers.....		(X)	22.8	(X)	17.8
341101	Metal cans.....		(X)	153.2	(X)	135.7
322102	Glass containers.....		(X)	89.7	(X)	62.0
970099	All other materials, ingredients, containers, and supplies, consumed.....		(X)	195.5	(X)	115.3
976000	Material, n.s.k. ¹		(X)	31.8	(X)	
	INDUSTRY 2033.--CANNED FRUITS AND VEGETABLES					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	1,925.6	(X)	1,599.2
	Fresh fruit:					
012231	Oranges.....	1,000 short tons.	1,820.1	66.2	886.6	62.1
012211	Apples.....	...do.....	704.7	43.2	601.9	29.6
012221	Apricots.....	...do.....	101.3	14.0	119.1	11.6
012241	Grapes.....	...do.....	249.1	22.3	242.9	25.2
012261	Peaches.....	...do.....	682.2	67.4	829.0	59.9
012271	Pears.....	...do.....	249.4	41.4	254.4	29.9
012273	Pineapples.....	...do.....	994.2	33.1	1,101.6	33.3
012281	Strawberries.....	...do.....	21.3	6.8	26.7	7.5
012291	Other fresh fruits.....	...do.....	(X)	97.7	(X)	65.6
	Fresh vegetables:					
012351	Cucumbers.....	...do.....	27.7	2.7	25.7	2.2
012311	Green peas.....	...do.....	343.3	34.7	352.7	32.8
011951	Irish potatoes.....	...do.....	134.9	4.3	199.7	6.4
012341	Tomatoes.....	...do.....	4,439.4	185.8	3,376.9	104.9
012331	Sweet corn.....	...do.....	1,399.2	32.5	1,334.7	26.7
012321	Snap or wax beans.....	...do.....	373.9	37.8	275.2	26.5
012391	Other fresh vegetables.....	...do.....	(X)	80.3	(X)	75.5
	Other materials, ingredients, containers, and supplies:					
203413	Dried beans.....	...do.....	43.4	8.8	53.2	9.2
206011	Sugar (cane and beet).....	1,000 cwt.....	11,377.2	110.8	12,211.7	117.8
209006	Fats and oils, all types.....	million lbs.....	68.5	8.6	53.6	5.2
203411	Dried fruit.....	1,000 short tons.	39.3	14.8	42.0	14.8
201013	Fresh and prepared meats, other than poultry.....	million lbs.....	7.9	1.9	4.6	1.5
204110	Wheat flour.....	1,000 cwt.....	(²)	(²)	(²)	(²)
201501	Dressed poultry.....	million lbs.....	(²)	(²)	(²)	(²)
203348	Concentrated fruit juices.....	million gals.....	8.5	16.7	(³)	(³)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
2033--	CANNED FRUITS AND VEGETABLES--Con.					
	Other materials, ingredients, containers, and supplies--Con.					
	Containers:					
265011	Paperboard containers.....		(X)	48.0	(X)	42.6
341101	Metal cans.....		(X)	419.0	(X)	389.5
322102	Glass containers.....		(X)	127.7	(X)	101.3
970099	All other materials, ingredients, containers, and supplies, consumed.....		(X)	298.1	(X)	234.0
976000	Materials, n.s.k. ¹		(X)	100.7	(X)	82.8
	INDUSTRY 2034.--DEHYDRATED FOOD PRODUCTS					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	245.1	(X)	200.2
012301	Fresh vegetables.....	1,000 short tons..	1,322.6	50.7	735.0	26.6
012203	Fresh fruits.....	..do.....	299.4	12.3	(X)	3.0
203411	Dried fruits.....	..do.....	360.2	103.9	399.6	122.0
206011	Sugar (cane and beet).....	1,000 cwt.....	279.8	2.9	166.7	1.6
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	59.2	(X)	39.2
976000	Materials, n.s.k. ¹		(X)	16.1	(X)	7.8
	INDUSTRY 2035.--PICKLES, SAUCES, AND SALAD DRESSINGS					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	500.5	(X)	402.8
012351	Cucumbers.....	1,000 short tons.	570.9	58.9	472.3	32.3
012301	Other fresh vegetables.....	..do.....	75.9	5.9	(X)	(²)
012203	Fresh fruits.....	..do.....	6.1	1.3	(X)	(²)
203411	Dried fruits.....	..do.....	0.4	0.2	(²)	(²)
204110	Wheat flour.....	1,000 cwt.....	16.9	0.1	(²)	(²)
204602	Corn sirup.....	Million lbs.....	37.7	2.4	(²)	(²)
206011	Sugar (cane and beet).....	..do.....	2,293.6	23.2	2,666.1	26.7
209006	Fats and oils, all types.....	Million lbs.....	727.7	92.1	836.3	95.1
322101	Glass containers.....	1,000 gross.....	12,571.7	88.8	(X)	77.5
970099	All other materials, ingredients, containers and supplies consumed.....		(X)	188.3	(X)	132.5
976000	Materials, n.s.k. ¹		(X)	39.3	(X)	38.7
	INDUSTRY 2036.--FRESH OR FROZEN PACKAGED FISH					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	356.7	(X)	242.4
091211	Finfish, round.....	1,000 short tons..	^e 302.8	102.8	246.3	86.2
091311	Shellfish.....	..do.....	^e 265.2	155.5	140.2	88.0
209006	Fats and oils, all types (purchased as such).....	Million lbs.....	19.1	3.0	20.0	3.0
340001	Metal containers.....		(X)	(Z)	(X)	3.8
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	⁴ 31.4	(X)	31.0
976000	Materials, n.s.k. ¹		(X)	64.0	(X)	30.3
	INDUSTRY 2037.--FROZEN FRUITS AND VEGETABLES					
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	1.178.0	(X)	917.7
	Fresh fruit:					
012231	Oranges.....	1,000 short tons..	2,937.6	101.0	1,783.2	146.1
012211	Apples.....	..do.....	102.1	7.0	112.1	6.5
012221	Apricots.....	..do.....	(²)	(²)	(²)	(²)
012241	Grapes.....	..do.....	(²)	(²)	(²)	(²)
012261	Peaches.....	..do.....	26.7	3.4	34.5	2.9
012271	Pears.....	..do.....	(²)	(²)	(²)	(²)
012273	Pineapples.....	..do.....	(²)	(²)	(²)	(²)
012281	Strawberries.....	..do.....	66.6	20.2	83.1	19.9
012291	Other fresh fruits.....	..do.....	(X)	38.5	(X)	38.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2037--FROZEN FRUITS AND VEGETABLES--Con.					
	Fresh vegetables:					
012351	Cucumbers.....	...do.....	(X)	(X)	(X)	(X)
012311	Green peas.....	...do.....	221.4	25.4	201.0	21.4
011951	Irish potatoes.....	...do.....	1,500.4	46.5	1,015.4	29.4
012341	Tomatoes.....	...do.....	(²)	(²)	(²)	(²)
012331	Sweet corn.....	...do.....	659.2	20.5	331.5	9.0
012321	Snap or wax beans.....	...do.....	137.7	16.2	106.1	13.0
012391	Other fresh vegetables.....	...do.....	(X)	77.9	(X)	58.7
	Other materials, ingredients, containers, and supplies:					
203413	Dried beans.....	...do.....	(²)	(²)	(²)	(²)
206011	Sugar (cane and beet).....	1,000 cwt.....	2,933.4	29.0	2,408.5	24.4
209006	Fats and oils, all types.....	Million lbs.....	217.6	31.4	135.2	18.0
203411	Dried fruit.....	1,000 short tons..	(²)	(²)	(²)	(²)
201013	Fresh and prepared meats, other than poultry.....	Million lbs.....	239.0	105.3	135.7	53.9
204110	Wheat flour.....	1,000 cwt.....	2,520.0	15.4	2,877.6	16.1
201501	Dressed poultry.....	Million lbs.....	165.4	52.7	101.7	30.7
203348	Concentrated fruit juices.....	Million gals.....	(²)	(²)	(²)	(²)
	Containers:					
265011	Paperboard containers.....	.....	(X)	115.0	(X)	89.7
341101	Metal cans.....	.....	(X)	59.6	(X)	50.6
322101	Glass containers.....	.....	(X)	(²)	(X)	1.8
970099	All other materials, ingredients, containers, and supplies, consumed.....	.....	(X)	316.0	(X)	247.0
976000	Materials, n.s.k. ¹.....	.....	(X)	97.0	(X)	40.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand. From 10 to 30 percent of this item was estimated.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included with material code 970099.

³Not collected separately in 1963.

⁴Includes material code 340001.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2041.--FLOUR AND OTHER GRAIN MILL PRODUCTS					
	Materials, ingredients, containers, and supplies, total.....		(X)	1,854.7	(X)	1,690.4
011371	Wheat.....	Million bushels...	531.2	1,328.4	583.1	1,312.8
011321	Corn.....	...do.....	92.8	130.5	85.6	111.4
011331	Oats.....	...do.....	19.4	18.4	13.5	10.2
011311	Barley.....	...do.....	2.8	3.3	3.3	3.6
011361	Sorghum grain.....	...do.....	5.7	6.9	6.4	7.0
204110	Wheat flour.....	1,000 cwt.....	7,292.9	40.7	3,479.3	18.5
206011	Sugar (cane and beet) in terms of sugar solids.....	...do.....	2,260.1	22.5	1,541.5	14.5
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	107.0	11.3	46.3	5.6
229921	Burlap bags, new.....	Million bags.....	21.7	4.3	34.7	6.3
239301	Cotton bags.....		(X)	13.0	(X)	14.7
264338	Paper shipping sacks.....		(X)	27.5	(X)	25.8
265013	Paperboard, folding and corrugated boxes.....		(X)	18.5	(X)	10.7
970099	All other materials, containers, and supplies consumed.....		(X)	152.9	(X)	115.3
976000	Materials, ingredients, containers, and supplies, n.s.k ¹		(X)	76.5	(X)	34.0
	INDUSTRY 2042.-- PREPARED FEEDS FOR ANIMALS AND FOWLS					
	Materials, ingredients, containers, and supplies, total.....		(X)	3,254.8	(X)	2,615.6
011371	Wheat.....	Million bu.....	30.3	51.5	30.2	53.1
011321	Corn.....	...do.....	369.0	500.8	311.2	420.0
011331	Oats.....	...do.....	59.1	53.1	63.7	53.8
011311	Barley.....	...do.....	32.2	38.6	38.5	40.9
011361	Sorghum grain.....	...do.....	137.7	173.1	91.6	105.4
204110	Wheat flour.....	1,000 cwt.....	8,234.4	23.3	5,946.0	15.7
204123	Wheat germ.....	1,000 short tons..	160.7	8.8	(X)	(²)
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	2,112.4	12.3	1,025.3	8.2
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	15.2	1.0	74.1	4.4
209004	Fats and oils used in animal feeds.....	...do.....	1,071.1	62.0	(X)	(²)
209141	Cottonseed cake and meal.....	1,000 short tons..	635.3	51.8	(X)	(²)
209221	Soybean cake and meal.....	...do.....	6,007.2	511.2	(X)	(²)
209331	Other oilseed cake and meal.....	...do.....	207.5	16.4	(X)	(²)
204243	Alfalfa meal excluding alfalfa hay.....	...do.....	1,615.6	73.2	(X)	(²)
204135	Corn meal.....	1,000 cwt.....	8,284.0	20.6	(X)	(²)
204133	Hominy feed and meal.....	1,000 short tons..	642.2	32.0	(X)	(²)
209436	Fish meal and solubles.....	...do.....	543.9	75.0	(X)	(²)
204607	Corn gluten feed and meal.....	...do.....	699.4	54.1	(X)	(²)
204121	Millfeed and screenings.....	...do.....	2,665.6	120.0	(X)	(²)
209421	Meat meal and tankage.....	...do.....	1,521.6	142.2	(X)	(²)
208209	Brewers' and distillers' grains.....	...do.....	418.3	25.5	(X)	(²)
281826	Urea.....	...do.....	270.3	21.8	(X)	(²)
283391	Microingredients (vitamins, antibiotics, drugs, trace minerals, etc.).....		(X)	147.9	(X)	(²)
204201	Supplements and concentrates (mixture of feed ingredients).....		(X)	77.9	(X)	(²)
229921	Burlap bags, new.....	Million bags.....	81.6	18.5	111.7	23.3
239301	Cotton bags.....		12.3	3.8	(X)	4.2
264338	Paper shipping sacks.....		475.8	39.6	(X)	28.1
265013	Paperboard, folding and corrugated boxes.....		(X)	19.1	(X)	12.2
340001	Metal containers.....		(X)	66.6	(X)	45.2
970099	All other materials, containers, and supplies consumed.....		(X)	520.1	(X)	² 1,544.7
976000	Materials, ingredients, containers, and supplies, n.s.k ¹		(X)	293.0	(X)	256.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2043.--CEREAL PREPARATIONS						
	Materials, ingredients, containers, and supplies, total.....		(X)	275.8	(X)	245.7
011311	Barley.....	Million bu.....	1.6	2.2	0.7	1.1
011321	Corn.....	do.....	9.5	18.1	10.0	16.3
011331	Oats.....	do.....	(D)	(D)	22.3	17.6
011371	Wheat.....	do.....	12.6	24.7	14.1	24.6
204110	Wheat flour.....	1,000 cwt.....	1,873.1	14.2	2,386.7	14.6
204123	Wheat germ.....	1,000 short tons..	3.3	0.8	(X)	(NA)
206011	Sugar (cane and beet).....	1,000 cwt.....	2,919.8	28.1	2,665.9	25.0
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	(D)	(D)	(²)	(²)
229921	Burlap bags, new.....	Million bags.....	(D)	(D)	1.3	(Z)
239301	Cotton bags.....	do.....	(X)	(D)	(X)	(Z)
264338	Paper shipping sacks.....	do.....	(X)	1.4	(X)	0.8
265013	Paperboard, folding and corrugated boxes.....	do.....	(X)	50.9	(X)	50.5
340001	Metal containers.....	do.....	(X)	(D)	(X)	
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	105.7	(X)	292.8
976000	Materials, ingredients, containers, and supplies, n.s.k ¹		(X)	2.7	(X)	2.1
INDUSTRY 2044.—RICE MILLING						
	Materials, ingredients, containers, and supplies, total.....		(X)	432.2	(X)	336.4
011301	Corn, including sorghum grain.....	Million bu.....	-	-	-	-
011341	Rice, rough.....	Million lbs.....	7,963.2	403.9	6,294.5	314.2
204601	Purchased cornstarch.....	do.....	-	-	-	-
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	28.3	(X)	22.3
INDUSTRY 2045.--BLENDED AND PREPARED FLOUR						
	Materials, ingredients, containers, and supplies, total.....		(X)	284.7	(X)	238.7
011321	Corn.....	Million bu.....	(Z)	(Z)	1.4	1.9
011371	Wheat.....	do.....	(Z)	1.8	1.5	2.9
204110	Wheat flour.....	1,000 cwt.....	11,787.4	71.4	10,974.5	64.6
206011	Sugar (cane and beet).....	do.....	3,839.1	38.5	4,221.9	42.4
209003	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	Million lbs.....	143.6	20.5	83.0	10.8
264338	Paper shipping sacks.....	do.....	(X)	1.5	(X)	1.2
265013	Paperboard, folding and corrugated boxes.....	do.....	(X)	19.5	(X)	18.2
340001	Metal containers.....	do.....	(X)	2.3	(X)	2.2
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	123.5	(X)	94.5
976000	Materials, ingredients, containers, and supplies, n.s.k ¹		(X)	5.7		
INDUSTRY 2046.--WET CORN MILLING						
	Materials, ingredients, containers, and supplies, total.....		(X)	375.9	(X)	311.3
011301	Corn, including sorghum grain.....	Million bu.....	224.1	289.1	171.5	233.1
011341	Rice, rough.....	Million lbs.....	-	-	-	-
204601	Purchased cornstarch.....	do.....	(²)	(²)	-	-
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	284.4	(X)	78.2
976000	Materials, ingredients, containers and supplies, n.s.k ¹		(X)	2.4		

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosure of independent companies. (Z) Under \$50 thousand.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included under code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2051.—BREAD, CAKE, AND RELATED PRODUCTS				
	Materials, ingredients, containers, and supplies, total.....	(X)	1,856.3	(X)	1,673.0
204110	Wheat flour.....	10,213.0	602.2	9,579.0	578.7
204554	Prepared flour mixes.....	642.6	72.0	440.4	56.0
206011	Sugar (cane and beet).....	1,386.1	129.2	1,296.2	128.1
209611	Shortening.....	397.4	59.5	316.5	45.5
201151	Lard.....	266.0	28.0	289.9	31.9
209601	Margarine and puff paste.....	51.1	8.7	40.3	6.7
209014	Other fats and oils	128.4	24.5	156.5	29.4
202311	Dried milk.....	206.4	39.1	223.1	33.3
201561	Frozen and liquid eggs.....	160.2	41.7	178.8	45.3
970005	Containers and wrapping materials.....	(X)	256.4	(X)	254.5
970099	All other materials, ingredients, and supplies.....	(X)	394.0	(X)	322.6
976000	Materials, ingredients, etc., n.s.k. ¹	(X)	200.7	(X)	141.0
	INDUSTRY 2052.—COOKIES AND CRACKERS				
	Total cost of materials, ingredients, containers, and supplies.....	(X)	561.3	(X)	475.3
204110	Wheat flour.....	2,392.9	135.8	2,268.6	115.3
204554	Prepared flour mixes.....	38.3	2.9	13.4	1.0
206011	Sugar (cane and beets) in terms of sugar solids.....	644.0	64.3	604.8	59.9
209611	Shortening.....	260.6	35.6	175.3	22.2
201151	Lard.....	199.9	17.5	195.4	18.4
209601	Margarine and puff paste.....	2.6	0.4	3.3	0.4
209014	Other fats and oils (cooking oils, butter, etc.).....	52.5	9.3	106.4	16.2
202311	Dried milk.....	19.4	3.1	18.2	2.4
201561	Frozen and liquid eggs.....	10.2	4.0	11.2	4.0
970005	Containers and wrapping materials.....	(X)	139.1	(X)	126.9
970099	All other materials, containers, and supplies.....	(X)	139.5	(X)	101.1
976000	Materials, ingredients, etc., n.s.k. ¹	(X)	9.8	(X)	7.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2061.--RAW CANE SUGAR					
	Materials, containers, and supplies, total.....	.....	(X)	228.9	(X)	243.4
011981	Sugarcane.....	1,000 short tons.	19,998.3	185.5	22,495.5	231.2
206101	Raw cane sugar (convert to 96° basis).....	.....	(X)	(¹)	(X)	(¹)
970099	All other materials, parts, containers, and supplies consumed....	.....	(X)	135.3	(X)	12.2
976000	Materials, n.s.k. ².....	.....	(X)	8.1	(X)	(X)
	INDUSTRY 2062.--CANE SUGAR REFINING					
	Materials, containers, and supplies, total.....	.....	(X)	1,049.3	(X)	1,022.2
011981	Sugarcane.....	.....	887.6	9.0	(X)	(³)
206101	Raw cane sugar (convert to 96° basis).....	1,000 short tons.	6,839.5	982.4	6,200.3	960.2
260091	Paper and paperboard containers and shipping sacks.....	...do.....	(NA)	17.2	80.2	26.2
970099	All other materials, parts, containers, and supplies consumed...	.....	(X)	37.5	(X)	35.8
976000	Materials, parts, containers, and supplies, n.s.k. ¹.....	.....	(X)	3.2	(X)	(X)
	INDUSTRY 2063.--BEET SUGAR					
	Materials, containers, and supplies, total.....	.....	(X)	313.7	(X)	342.5
011971	Sugar beets.....	1,000 short tons.	19,305.9	262.4	21,104.3	294.3
260091	Paper and paperboard containers and shipping sacks.....	...do.....	12.8	5.1	22.4	7.3
970099	All other materials, parts, containers, and supplies consumed....	.....	(X)	46.2	(X)	40.9
	INDUSTRY 2071.--CONFECTIONERY PRODUCTS					
	Materials, containers, and supplies, total.....	.....	(X)	938.0	(X)	765.7
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	12,961.1	128.1	12,718.2	129.3
207211	Chocolate coatings, including cocoa powder composition coatings.	...do.....	3,506.4	117.6	3,095.8	102.0
012283	Cocoa beans.....	...do.....	180.2	5.7	247.0	6.4
010012	Nuts in shells, including peanuts.....	Million lbs.....	236.5	46.9	255.0	45.4
207163	Nut meats, including peanuts (purchased as such).....	...do.....	518.7	154.1	364.1	109.8
265015	Paperboard containers and converted flexible packaging materials	.....	(X)	125.7	(X)	115.2
970099	All other materials, containers, and supplies consumed.....	.....	(X)	235.3	(X)	219.3
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	124.6	(X)	38.1
	INDUSTRY 2072.--CHOCOLATE AND COCOA PRODUCTS					
	Materials, containers, and supplies, total.....	.....	(X)	325.1	(X)	298.0
206011	Sugar (cane and beet) in terms of sugar solid.....	1,000 cwt.....	5,595.3	54.9	5,131.8	52.8
012283	Cocoa beans.....	...do.....	5,393.7	132.2	5,782.3	133.0
207211	Chocolate coatings, including cocoa powder composition coatings.	...do.....	79.6	2.8	37.9	1.5
010012	Nuts in shells, including peanuts.....	Million lbs.....	27.7	12.1	2.0	0.6
207163	Nut meats, including peanuts (purchased as such).....	...do.....		30.2	14.1	
265015	Paperboard containers and converted flexible packaging materials	.....	(X)	26.1	(X)	26.0
970099	All other materials, containers, and supplies consumed.....	.....	(X)	97.0	(X)	70.1
	INDUSTRY 2073.--CHEWING GUM					
	Materials, containers, and supplies, total.....	.....	(X)	110.8	(X)	86.3
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	1,754.8	17.4	1,450.9	14.3
265015	Paperboard containers and converted flexible packaging materials.	.....	(X)	15.4	(X)	10.2
970099	All other materials, containers, and supplies consumed.....	(X)	78.0	(X)	61.7

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Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹In 1963 and 1967 data for material code 206101 are included with material code 970099 to avoid disclosing figures for individual companies.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³In 1963 data for material code 011981 were included with "All other materials" code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2082.--MALT LIQUORS					
	Materials, ingredients, containers and supplies, total.....		(X)	1,338.9	(X)	994.6
011311	Barley.....	Million bu.....	2.9	5.6	3.7	7.2
011322	Corn (purchased and grain).....	...do.....	19.9	39.5	20.2	35.3
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	373.6	2.5	274.4	2.2
208301	Malt.....	...do.....	31,036.8	183.9	27,513.5	157.8
970099	All other materials, containers, and supplies consumed.....		(X)	1,107.4	(X)	792.0
	INDUSTRY 2083.--MALT					
	Materials, ingredients, containers and supplies, total.....		(X)	153.6	(X)	119.8
011311	Barley.....	Million bushels..	93.6	145.4	79.1	113.3
208301	Malt.....	1,000 cwt.....	490.9	2.7	509.4	2.7
970099	All other materials, containers and supplies consumed.....		(X)	5.5	(X)	3.8
	INDUSTRY 2084.--WINES, BRANDY, AND BRANDY SPIRITS					
	Materials, ingredients, containers and supplies, total.....		(X)	225.3	(X)	217.6
012241	Grapes.....	1,000 s. tons....	1,522.2	71.0	1,700.6	69.8
208401	Wines purchased for blending.....	Mil. wine gals...	100.0	57.1	56.6	35.3
322102	Glass containers.....	Gross.....	3,117.4	32.8	(X)	(X)
970099	All other materials, containers and supplies consumed.....		(X)	51.0	(X)	112.4
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	13.4	(X)	(X)
	INDUSTRY 2085.--DISTILLED LIQUOR, EXCEPT BRANDY					
	Materials, ingredients, containers and supplies, total.....		(X)	565.6	(X)	406.8
	Materials used in distilling:					
011321	Corn.....	Million bu.....	33.1	48.2	32.1	42.2
011351	Rye.....	...do.....	5.6	8.7	5.9	9.5
208301	Malt.....	1,000 cwt.....	2,520.8	13.1	1,941.8	9.9
970001	All other materials, ingredients, containers and supplies used in distilling operations (cooperage, etc.).....		(X)	64.2	(X)	55.0
	Materials used in bottling:					
208511	Neutral spirits.....	Million tax gals.	233.7	85.5	134.7	50.0
208513	Aged whiskey.....	...do.....	87.9	140.5	67.4	106.4
322101	Glass containers.....	1,000 gross.....	12,385.1	113.6	10,457.2	85.4
970002	All other materials, ingredients, containers and supplies used in bottling operations (flavors, closures, etc.).....		(X)	68.1	(X)	44.8
976000	Materials, n.s.k. ¹		(X)	23.6	(X)	3.4
	INDUSTRY 2086.--BOTTLED AND CANNED SOFT DRINKS					
	Materials, ingredients, containers and supplies, total.....		(X)	1,311.0	(X)	873.0
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	18,233.2	183.9	14,448.7	153.7
203348	Concentrated fruit juice products.....	Million gals.....	44.6	35.6	(X)	(²)
208731	Flavoring sirups.....	...do.....	180.4	279.3	161.2	261.0
208701	Other flavors, including beverage bases.....		(X)	104.7	(X)	58.5
970090	All other materials, ingredients, containers and supplies.....		(X)	595.1	(X)	265.3
976000	Materials, n.s.k. ¹		(X)	112.4	(X)	² 134.4
	INDUSTRY 2087.--FLAVORING EXTRACTS AND SIRUPS, N.E.C.					
	Materials, ingredients, containers and supplies, total.....		(X)	366.5	(X)	305.6
206011	Sugar (cane and beet) in terms of sugar solids.....	1,000 cwt.....	16,003.2	149.8	13,078.3	125.5
203348	Concentrated fruit juice products.....	Million gal.....	3.3	9.0	(X)	(X)
208701	Other flavors, including beverage bases.....	...do.....	(X)	18.6	(X)	(X)
208731	Flavoring sirups.....	...do.....	10.0	12.9	(X)	(X)
970099	All other materials and components, parts, containers, and supplies.....		(X)	151.1	(X)	154.6
976000	Materials, n.s.k. ¹		(X)	25.1	(X)	25.5

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Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included under code 976000.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2091.--COTTONSEED OIL MILLS						
	Materials, ingredients, containers, and supplies, total.....		(X)	297.4	(X)	401.7
011211	Cottonseed.....	1,000 short tons.	2,970.1	223.1	5,516.7	323.6
011381	Soybeans.....	...do.....	289.9	25.8	287.4	23.9
010015	Other seeds, nuts, and beans (excluding cottonseed, soybean, copra, and flaxseed).....	...do.....	114.2	9.9	(NA)	(NA)
209111	Cottonseed oil:					
	Crude.....	Million lbs.....	107.1	14.1	190.8	18.7
	Once-refined.....	...do.....	(X)	(¹)	(X)	(X)
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	20.2	(X)	¹ 30.4
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	4.3	(X)	4.6
INDUSTRY 2092.--SOYBEAN OIL MILLS						
	Materials, ingredients, containers, and supplies, total.....		(X)	1,725.8	(X)	1,232.7
011211	Cottonseed.....	1,000 short tons.	654.4	57.9	172.3	10.8
011381	Soybeans.....	...do.....	16,112.0	1,504.1	13,216.5	1,118.7
	Soybean oil:					
209211	Crude.....	...do.....	420.1	37.6	71.4	5.8
209212	Once-refined.....	...do.....	(X)	(¹)	19.6	1.9
260091	Paper and paperboard containers.....		(X)	2.2	(X)	1.2
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	120.6	(X)	89.6
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	3.4	(X)	4.6
INDUSTRY 2093.--VEGETABLE OIL MILLS, N.E.C.						
	Materials, ingredients, containers, and supplies, total.....		(X)	154.7	(X)	158.5
011211	Cottonseed.....	1,000 short tons.	47.5	2.9	(X)	(¹)
011381	Soybeans.....	...do.....	(NA)	(¹)	(NA)	(¹)
012287	Copra.....	...do.....	(NA)	(¹)	211.8	35.0
011911	Flaxseed.....	...do.....	371.6	48.3	482.4	49.3
010015	Other seeds, nuts and beans (exclude cottonseed, soybean, copra).....	...do.....	325.2	29.9	(³)	(³)
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	72.0	(X)	71.7
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	1.6	(X)	2.5
INDUSTRY 2094.--ANIMAL AND MARINE FATS AND OILS (Not applicable to this report)						
INDUSTRY 2096.--SHORTENING AND COOKING OILS						
	Materials, ingredients, containers, and supplies, total.....		(X)	1,266.2	(X)	980.9
201104	Tallow and stearin, edible.....	Million lbs.....	547.1	49.3	384.3	32.6
	Cottonseed oil:					
209111	Crude.....	...do.....	775.4	98.9	1,590.6	179.5
209121	Once-refined.....	...do.....	218.3	30.4		
209615	Fully-refined.....	...do.....	310.8	43.3		
	Soybean oil:					
209211	Crude.....	...do.....	3,922.9	424.7	4,281.4	418.4
209212	Once-refined.....	...do.....	248.6	30.9		
209616	Fully-refined.....	...do.....	863.7	105.7		
	Other oil:					
209301	Crude (exclude cottonseed and soybean).....	...do.....	874.0	115.7	(X)	(³)
209303	Once-refined (exclue cottonseed and soybean).....	...do.....	136.3	19.6	(X)	(³)
209617	Fully-refined (exclude cottonseed and soybean).....	...do.....	196.6	30.0	(X)	(³)
201151	Lard.....	...do.....	645.4	57.9	662.2	57.1
322101	Glass containers.....	1,000 gross.....	3,550.0	32.1	2,040.6	17.5
340003	Metal containers, excluding drums.....		(X)	42.0	(X)	38.0
260091	Paper and paperboard containers.....		(X)	39.2	(X)	32.9
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	126.5	(X)	191.5
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	20.0	(X)	13.3

(NA) Not available. n.s.k. Not specified by kind. (X) Not applicable.

¹Data are included with data for code 970099 "All other materials" to avoid disclosing figures for individual companies.²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.³In 1963 separate data were not collected for these codes.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2095.--ROASTED COFFEE					
	Materials, containers, and supplies, total.....		(X)	1,277.4	(X)	1,177.8
012285	Green coffee.....	1,000 cwt.....	25,168.0	992.6	27,246.9	932.1
322101	Glass containers.....	1,000 gross.....	3,183.3	20.8	3,352.6	21.4
970099	All other materials, ingredients, containers and supplies consumed, including materials, n.s.k.....		(X)	223.8	(X)	224.3
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	40.2	(X)	(X)
	INDUSTRY 2097.--MANUFACTURED ICE ²					
	INDUSTRY 2098.--MACARONI AND SPAGHETTI					
	Materials, containers, and supplies, total.....		(X)	137.9	(X)	115.9
204115	Semolina and durum flour.....	1,000 cwt.....	9,699.5	72.9	9,881.6	63.2
204119	Farina and other wheat flour.....	...do.....	822.9	5.5	990.7	6.3
970099	All other materials, ingredients, containers and supplies consumed, including materials, n.s.k.....		(X)	59.5	(X)	46.3
	INDUSTRY 2099.--FOOD PREPARATIONS, N.E.C.					
	Materials, containers, and supplies, total.....		(X)	1,174.7	(X)	838.5
012301	Fresh vegetables.....	1,000 short tons..	1,712.4	108.6	1,145.2	64.6
012203	Fresh fruits.....	...do.....	(X)	4.5	(X)	3.2
011921	Peanuts, in shell.....	Million pounds....	(NA)	9.5	34.8	6.4
011923	Shelled peanuts.....	...do.....	317.4	63.2	(³)	(³)
204602	Corn sirup.....	...do.....	153.4	8.9	172.0	10.8
209006	Fats and oils, all types (purchased as such).....	...do.....	496.4	80.6	379.4	52.7
204110	Wheat flour.....	1,000 cwt.....	1,500.9	8.8	1,735.2	9.1
206011	Sugar (cane and beet) in terms of sugar solids.....	...do.....	5,488.5	53.8	5,304.9	52.4
012285	Green coffee.....	...do.....	326.1	12.6	290.6	9.5
322101	Glass containers.....	1,000 gross.....	7,593.3	46.2	5,258.7	33.9
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	636.0	(X)	465.0
976000	Materials, n.s.k. ¹		(X)	142.0	(X)	130.8

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Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²No material data were collected in either 1967 or 1963 for the manufactured ice industry.

³Included in product code 970099, all other materials.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
INDUSTRY 2111.--CIGARETTES					
	Materials, containers, and supplies, total.....	(X)	1,389.5	(X)	1,330.5
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	96.3	89.1	{	{
214111	Unstemmed leaf tobacco, redried and packed.....				
214123	Stemmed leaf tobacco.....				
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....				
214129	Other tobacco materials.....	(NA)	0.8	84.4	13.8
282121	Cellophane (tubes, sheets, rolls).....	(X)	26.8	(X)	25.7
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	83.0	(X)	83.2
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	212.2	(X)	179.3
INDUSTRY 2121.--CIGARS					
	Materials, containers, and supplies, total.....	(X)	158.3	(X)	163.0
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	(NA)	3.3	6.2	10.6
214111	Unstemmed leaf tobacco, redried and packed.....	8.2	29.1	8.6	20.0
214123	Stemmed leaf tobacco.....	54.8	50.8	71.2	65.6
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	13.5	10.0	(X)	(X)
214129	Other tobacco materials.....	45.4	26.4	51.3	35.2
282121	Cellophane (tubes, sheets, rolls).....	(X)	4.7	(X)	5.8
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	14.3	(X)	17.9
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	9.2	(X)	7.8
976000	Materials, n.s.k.....	(X)	10.5	(X)	(X)
INDUSTRY 2131.--CHEWING AND SMOKING TOBACCO					
	Materials, containers, and supplies, total.....	(X)	55.3	(X)	62.6
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	6.4	2.2	6.3	2.0
214111	Unstemmed leaf tobacco, redried and packed.....	28.1	11.9	25.5	10.6
214123	Stemmed leaf tobacco.....	27.5	19.0	40.0	22.2
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	1.6	0.6	(NA)	(NA)
214129	Other tobacco materials.....	12.9	4.9	22.6	9.6
282121	Cellophane (tubes, sheets, rolls).....	(X)	0.8	(X)	0.9
260012	Paper and paperboard products, including shipping containers, setup and folding cartons.....	(X)	5.1	(X)	5.9
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	10.8	(X)	11.4
INDUSTRY 2141.--TOBACCO STEMMING AND REDRYING					
	Materials, containers, and supplies, total.....	(X)	1,060.7	(X)	1,090.0
011410	Unstemmed leaf tobacco, including green tobacco not packed.....	898.5	589.6	926.2	578.1
214111	Unstemmed leaf tobacco, redried and packed.....	178.3	96.1	324.5	179.8
214123	Stemmed leaf tobacco.....	336.9	310.5	324.2	311.6
214124	Processed sheet tobacco and homogenized tobacco, finished weight basis.....	122.0	30.0	11.4	5.0
214129	Other tobacco materials.....				
282121	Cellophane (tubes, sheets, rolls).....				
260012	Paper and paperboard products including shipping containers, setup and folding cartons.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	15.5	{	(X)
976000	All other materials, parts, and supplies, n.s.k. ¹	(X)	18.3		

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TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2211.--WEAVING MILLS, COTTON						
	Materials, containers, supplies, etc., total ¹		(X)	1,600.5	(X)	1,686.5
011201	Raw cotton.....	1,000 bales.....	6,231.4	788.5	6,149.4	1,080.5
282305	Rayon and acetate staple and tow.....	Million lbs.....	66.1	18.8	131.0	38.8
282421	All other manmade fiber staple and tow, except glass.....	..do.....	149.9	89.6	34.1	29.5
282301	Rayon and acetate filament yarn.....	..do.....	11.4	8.3	16.9	11.9
282402	All other manmade filament yarn, except glass.....	..do.....	23.2	27.6	20.0	27.2
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	48.0	8.4	61.8	13.2
228101	Purchased spun yarn, all fibers including transfers from other plants of the company.....	..do.....	179.3	106.5	171.3	114.5
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	623.6	215.2	423.1	139.8
281531	Dyes, lakes, and toners.....		(X)	42.2	(X)	37.8
970099	All other materials, containers and supplies consumed.....		(X)	222.4	(X)	174.1
972000	Materials, containers, supplies, n.s.k. ²		(X)	73.0	(X)	19.1
INDUSTRY 2221.--WEAVING MILLS, SYNTHETICS						
	Materials, containers, supplies, etc., total ¹		(X)	1,259.0	(X)	987.1
011201	Raw cotton.....	Thousand bales...	586.3	83.5	193.9	36.7
229701	Raw wool, mohair, and other animal fibers (scoured weight).....	Million pounds...	8.6	7.3	10.8	8.4
229704	Wool tops.....	..do.....	15.3	14.4	(NA)	10.8
282305	Rayon and acetate staple and tow.....	..do.....	248.9	84.8	230.8	69.6
282421	All other manmade fiber staple and tow, except glass.....	..do.....	260.6	158.1	113.9	109.5
282301	Rayon and acetate filament yarn.....	..do.....	253.4	193.5	238.8	189.7
282402	All other manmade filament yarn, except glass.....	..do.....	95.5	129.5	104.1	147.0
322935	Glass filament yarn and roving.....	..do.....	125.4	63.1	70.5	41.7
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	20.1	19.7	30.6	8.4
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	..do.....	268.3	188.0	228.4	205.1
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	67.0	33.9	37.4	24.6
281531	Dyes, lakes, and toners.....		(X)	30.2	(X)	16.1
970099	All other materials, containers, and supplies consumed.....		(X)	127.7	(X)	98.0
972000	Materials, containers, and supplies, n.s.k. ²		(X)	125.3	(X)	21.5
INDUSTRY 2231.--WEAVING AND FINISHING MILLS, WOOL						
	Materials, containers, supplies, etc., total ¹		(X)	608.9	(X)	580.4
229701	Raw wool, mohair, and other animal fibers (scoured weight).....	Million pounds...	152.7	143.3	183.4	187.6
229704	Wool tops.....	..do.....	53.5	89.9	56.3	98.5
282105	Rayon and acetate staple and tow.....	..do.....			1.7	0.7
282421	All other manmade fiber staple and tow, except glass.....	..do.....	21.1	12.5	11.8	11.4
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	25.5	10.3	42.6	16.5
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	..do.....	49.7	66.6	44.4	89.2
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	61.3	121.1	58.8	109.4
281531	Dyes, lakes, and toners.....		(X)	24.7	(X)	21.1
970099	All other materials, containers, and supplies consumed.....		(X)	36.6	(X)	34.7
976000	Materials, containers, and supplies, n.s.k. ²		(X)	103.9	(X)	11.2
INDUSTRY 2241.--NARROW FABRIC MILLS						
	Materials consumed, total ³	Million pounds...	160.1	142.2	132.0	115.2
228102	Cotton yarns.....	..do.....	79.7	64.1	68.6	54.7
282301	Filament rayon and acetate yarns.....	..do.....	28.4	23.6	26.9	20.7
282411	Filament nylon yarns.....	..do.....	32.9	34.8	16.8	20.0
322933	Filament glass yarns.....	..do.....	3.2	1.9	2.3	1.3
306986	Bare rubber thread.....	..do.....	9.0	9.9	8.0	9.2
282423	Bare spandex thread.....	..do.....	0.3	1.2	0.2	1.1
224151	Covered rubber thread.....	..do.....	0.9	0.5	0.9	1.0
228132	Spun rayon yarns.....	..do.....	0.9	0.7	0.9	0.7
228144	Saran and olefin yarns.....	..do.....	2.3	1.9	2.8	2.3
228010	Other yarns.....	..do.....	2.5	3.6	4.5	4.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹Yarn consumption data for cotton and synthetic weaving mills are collected and published quarterly in Current Industrial Reports Series MQ-22T.1 and MQ-22T.2.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

³Yarn consumption data for narrow fabric mills are collected and published annually in Current Industrial Reports Series MA-22G, Narrow Fabrics. The information shown in this table is from that report. The figures represent yarns consumed for all plants shipping product class 22411, Woven narrow fabrics, and product class 22414, Braided narrow fabrics as shown in table 6A.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2251.--WOMEN'S HOSIERY, EXCEPT SOCKS				
	Materials, containers, and supplies, total.....	(X)	357.5	(X)	279.8
225011	Hosiery in the greige.....	(X)	119.8	(X)	110.4
228102	Cotton yarns.....	(²)	(²)	7.8	6.8
228141	Nylon spun yarns.....	(NA)	11.1	0.8	2.1
282411	Nylon filament yarns.....	^e 40.3	114.1	36.9	106.1
228145	Acrylic yarns.....	^e 1.5	2.7	1.4	1.8
228011	All other yarns.....	³ 1.9	5.3	0.5	1.3
970099	All other materials, containers, and supplies (including cotton yarns).....	(X)	59.8	(X)	40.1
976000	Materials and supplies, n.s.k. ¹	(X)	44.7	(X)	11.2
	INDUSTRY 2252.--HOSIERY N.E.C.				
	Materials, containers, and supplies, total.....	(X)	270.9	(X)	226.2
225011	Hosiery in the greige.....	(X)	69.6	(X)	37.8
228102	Cotton yarns.....	⁴ 56.4	40.3	82.3	68.0
228141	Nylon spun yarns.....	5.4	10.4	3.2	7.2
282411	Nylon filament yarns.....	^e 15.9	30.6	13.5	30.0
228145	Acrylic yarns.....	⁴ 13.9	23.8	7.9	13.4
228011	All other yarns.....	⁴ 10.0	20.3	9.6	16.5
970099	All other materials, containers, and supplies.....	(X)	50.0	(X)	37.3
976000	Materials and supplies, n.s.k. ¹	(X)	25.9	(X)	16.1
	INDUSTRY 2253.--KNIT OUTERWEAR MILLS				
	Material, containers, and supplies, total.....	(X)	495.0	(X)	441.0
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) ⁵	⁴ 15.9	21.5	3.2	3.4
228110	Carded cotton yarns.....	53.6	32.3	^r 51.1	^r 34.6
228120	Combed cotton yarns.....	19.9	20.3	^r 24.5	^r 22.2
228130	Rayon and acetate spun yarns.....	³ 17.0	11.2	(Z)	(Z)
228141	Nylon spun yarns.....	^e 8.6	19.0	7.3	14.5
228145	Acrylic yarns.....	44.9	86.8	39.4	78.2
228301	Wool yarns.....	29.7	75.7	36.6	88.9
228013	All other yarns.....	15.0	33.0	9.2	19.4
282301	Rayon and acetate filament yarns.....	(NA)	4.1	0.6	0.5
282411	Nylon filament yarns.....	8.9	18.8	6.6	15.6
970099	All other materials, containers, and supplies.....	(X)	85.5	(X)	188.2
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	86.8	(X)	75.1
	INDUSTRY 2254.--KNIT UNDERWEAR MILLS				
	Materials, containers, and supplies, total.....	(X)	193.9	(X)	163.6
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) ⁵	⁴ 30.3	19.6	16.5	8.3
228110	Carded cotton yarns.....	61.2	37.5	55.7	37.0
228120	Combed cotton yarns.....	75.9	63.4	59.9	49.4
228130	Rayon and acetate spun yarns.....	(NA)	(⁶)	(⁷)	(⁷)
228141	Nylon spun yarns.....	(⁸)	(⁸)	(⁸)	(⁸)
228145	Acrylic yarns.....	(NA)	(⁶)	0.6	1.2
228301	Wool yarns.....	(NA)	(⁶)	(Z)	(Z)
228013	All other yarns.....	7.8	9.8	2.1	2.8
282301	Rayon and acetate filament yarns.....	(NA)	(⁶)	⁷ 4.4	⁷ 4.1
282411	Nylon filament yarns.....	⁸ 4.5	⁸ 9.6	⁸ 2.9	⁸ 6.9
970099	All other materials, parts, containers, and supplies.....	(X)	⁶ 45.3	(X)	39.0
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	8.4	(X)	14.4
	INDUSTRY 2256.--KNIT FABRIC MILLS				
	Materials, containers, and supplies, total.....	(X)	801.2	(X)	507.5
225601	Knitted fabrics, purchased (cotton, wool, manmade fibers, etc.) ⁵	110.8	76.9	26.2	25.3
228110	Carded cotton yarns.....	^e 85.7	56.7	85.5	55.2
228120	Combed cotton yarns.....	^e 67.2	60.2	72.4	61.6
228130	Rayon and acetate spun yarns.....	^e 13.1	17.1	8.7	8.5
228141	Nylon spun yarns.....	8.8	15.0	6.9	12.1
228145	Acrylic yarns.....	^e 37.0	54.1	19.6	25.6
228301	Wool yarns.....	^e 14.9	25.5	13.1	27.7
228013	All other yarns.....	30.0	51.9	36.1	47.6
282301	Rayon and acetate filament yarns.....	142.8	119.3	84.1	61.1
282411	Nylon filament yarns.....	90.3	150.0	56.1	110.9
970099	All other materials, containers, and supplies.....	(X)	92.4	(X)	58.0
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	82.0	(X)	13.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2259.--KNITTING MILLS, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	15.5	(X)	18.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.) ⁵	(¹⁰)	(¹⁰)	1.1	0.5
228110	Carded cotton yarns.....	8.0	4.6	7.8	4.3
228120	Combed cotton yarns.....	}	}	2.9	2.5
228130	Rayon and acetate spun yarns.....			(¹¹)	(¹¹)
228141	Nylon spun yarns.....			(¹²)	(¹²)
228145	Acrylic yarns.....			0.8	1.4
228301	Wool yarns.....			0.3	0.6
228013	All other yarns.....			0.8	0.9
282301	Rayon and acetate filament yarns.....			¹¹ 1.2	¹¹ 1.0
282411	Nylon filament yarns.....			¹² 0.2	¹² 0.4
970099	All other materials, containers, and supplies.....				7.6	(X)	2.9
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	3.3	(X)	3.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²10 to 30 percent of the quantity was estimated.

³Included with "All other materials, containers, and supplies."

⁴30 to 50 percent of the quantity was estimated.

⁵Over 50 percent of the quantity was estimated.

⁶Quantity data for this item represents million linear yards.

⁷For 1967, included with "All other materials, containers, and supplies."

⁸For 1963, included with "Rayon and acetate filament yarns" to avoid disclosing operations of individual companies.

⁹Included with "Nylon filament yarns" to avoid disclosing operations of individual companies.

¹⁰The quantity figures shown in this report differ from the data in Census quarterly series MQ-22K primarily because the information shown above in table 7A represent material consumed by plants classified in industry 2256, Knit Fabric Mills, whereas, figures noted in series MQ-22K are on a wherever made basis. (For example, the material consumed in the manufacture of knit cloth for sale by a knit underwear mill--SIC 2254 would be included in series MQ-22K as a material item and in the quinquennial census report would appear as material consumed by industry 2254. The product output of this plant relating to knit fabric shipments would appear in table 6A of industry report 2256.) These data differ also because of reporting differences by individual companies, and some misclassification of yarn. Consideration must also be given to the large n.s.k., material code 976000 (see footnote 1).

¹¹For 1967, included with "All other materials, containers, and supplies."

¹²For 1963, included with "Rayon and acetate filament yarns" to avoid disclosing operations of individual companies.

¹³For 1963, included with "Nylon filament yarns" to avoid disclosing operations of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2261.--FINISHING PLANTS, COTTON					
	Materials, containers, supplies, etc., total.....		(X)	530.8	(X)	494.6
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of the company.....	Million lin. yds.	1,199.5	322.9	1,334.2	316.3
281531	Dyes, lakes, and toners.....		(X)	86.2	(X)	86.2
970099	All other materials, containers, and supplies, etc.....		(X)	89.9	(X)	69.0
976000	Materials, containers, supplies, n.s.k. ¹		(X)	31.8	(X)	23.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Material code	Type of yarn or fabric	Unit of measure	Woven carpets and carpeting	Knitted carpets and carpeting	Tufted carpets and rugs			
					Total	Bathmats and throw rugs (4' x6' and smaller	Roll goods and rugs (larger than 4' x6')	Automobile and aircraft carpeting
			1967					
	Yarn and fabric, total.....	1,000 lbs....	127,512	9,961	(NA)	(NA)	(NA)	(NA)
	Face yarns, total.....	...do.....	83,673	6,448	598,418	75,525	471,822	51,071
0228102	Cotton.....	...do.....	(D)	-	21,783	17,612	(D)	(D)
0228130	Rayon and/or acetate.....	...do.....	2,046	-	92,185	35,897	15,005	42,283
0228321	Wool and chiefly wool.....	...do.....	49,160	(D)	32,965	101	32,864	-
	Nylon:							
0282411	Filament.....	...do.....	7,384	(D)	194,048	(D)	192,982	(D)
0228140	Spun.....	...do.....	1,840	(D)	69,921	11,590	50,646	7,685
0228145	Acrylic and modacrylic.....	...do.....	21,324	4,980	127,106	3,094	124,012	-
0282428	Polyester.....	...do.....	(X)	(X)	28,342	5,145	23,197	-
0282422	Polypropylene.....	...do.....	(X)	(X)	29,870	(D)	28,925	(D)
0220903	Other yarns.....	...do.....	(D)	(D)	1,198	(D)	(D)	-
	Yarns and fabric for backing:							
	Primary backing.....	1,000 sq. yds.	¹ 43,839	¹ 3,513	(NA)	(NA)	(NA)	(NA)
0220103	Cotton.....	...do.....	¹ 16,228	(D)	¹ 46,320	33,309	13,011	-
0229923	Jute.....	...do.....	¹ 19,282	(D)	344,789	-	303,486	41,493
0229903	Paper.....	...do.....	¹ 6,304	(D)	29,124	(D)	24,848	(D)
0220015	Other backing.....	...do.....	¹ 2,025	(D)				
0220023	Secondary backing.....	...do.....	(X)	(X)	221,934	-	(D)	(D)
			1963					
	Yarn and fabric, total.....	1,000 lbs....	158,979	19,723	596,824	88,684	418,541	89,599
	Face yarns, total.....	...do.....	92,859	11,279	359,905	60,414	251,445	48,046
0228102	Cotton.....	...do.....	(D)	-	35,849	26,002	9,847	-
0228130	Rayon and/or acetate.....	...do.....	(D)	(D)	97,298	27,848	24,848	45,253
0228321	Wool and chiefly wool.....	...do.....	79,965	5,317	67,126	233	66,893	-
0282411	Nylon, filament.....	...do.....	4,279	(D)	95,093	1,109	(D)	(D)
0228140	Nylon, spun.....	...do.....	3,793	-	32,766	4,334	(D)	(D)
0228145	Acrylic and modacrylic.....	...do.....	2,397	5,608	26,448	1,524	24,924	-
0220903	Polypropylene and other yarns.....	...do.....	(D)	-	5,325	15	5,310	-
	Yarns and fabric for backing, total....	...do.....	66,120	8,444	236,919	28,270	167,096	41,553
	Tufting backing.....	...do.....	(X)	(X)	197,427	28,270	(D)	(D)
0220103	Cotton.....	...do.....	18,353	3,047	29,502	24,917	4,585	-
0229923	Jute.....	...do.....	31,750	4,134	167,700	(D)	(D)	(D)
0229903	Paper.....	...do.....	14,395	789	-	-	-	-
0220015	Other backing.....	...do.....	1,622	474	225	(D)	(D)	(D)
0220023	Secondary backing.....	...do.....	(X)	(X)	39,492	-	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

The selected materials consumed data in these tables represent information reported by all manufacturers of rugs, carpets, and carpeting regardless of the industry classification of the establishments. Consequently, these data are not comparable with the "Cost of Materials" figures shown in the other tables of this report, which represent cost of all materials consumed by establishments classified in the specified industries.

Source: Current Industrial Reports Series M22Q, Rugs, Carpets, and Carpeting released on March 13, 1970 and July 30, 1965.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
¹Figures are in thousands of pounds.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2281.--YARN MILLS, EXCEPT WOOL						
	Materials, containers, and supplies, total.....	.....	(X)	832.4	(X)	679.6
011201	Raw cotton.....	1,000 bales.....	2,050.9	290.6	1,899.2	347.1
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	Million pounds..	28.8	19.4	3.6	4.4
229704	Wool tops.....	...do.....	12.5	16.8	4.5	7.5
282305	Rayon and acetate staple and tow.....	...do.....	287.2	83.6	234.9	69.4
282421	All other manmade fiber staple and tow, except glass.....	...do.....	410.8	291.7	151.5	140.6
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	...do.....	52.5	10.7	95.5	20.3
282402	All other manmade filament yarn, except glass.....	...do.....	5.0	6.9	13.0	12.8
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	24.9	14.1	13.7	9.7
281531	Dyes, lakes, and toners.....	.....	(X)	7.1	(X)	3.8
970099	All other materials, containers, and supplies consumed.....	.....	(X)	64.7	(X)	49.7
976000	Materials, containers, and supplies, n.s.k. ¹.....	.....	(X)	26.8	(X)	14.4
INDUSTRY 2282.--THROWING AND WINDING MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	349.4	(X)	204.5
282301	Rayon and acetate filament yarn.....	Million pounds...	42.4	51.8	6.6	5.8
282402	All other manmade filament yarn, except glass.....	...do.....	175.8	232.2	99.3	145.2
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	15.5	12.9	21.3	30.7
281531	Dyes, lakes, and toners.....	.....	(X)	1.6	(X)	0.6
970099	All other materials, containers, and supplies consumed.....	.....	(X)	28.3	(X)	22.2
976000	Materials, containers, and supplies, n.s.k. ¹.....	.....	(X)	22.6		
INDUSTRY 2283.--WOOL YARN MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	229.9	(X)	290.5
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	Million pounds...	79.6	60.1	118.9	103.1
229704	Wool tops.....	...do.....	58.6	87.6	75.4	116.9
282305	Rayon and acetate staple and tow.....	...do.....	(X)	(¹)	12.0	3.4
282421	All other manmade fiber staple and tow, except glass.....	...do.....	39.5	35.4	27.7	23.9
282402	All other manmade filament yarn, except glass.....	...do.....	(X)	(¹)	1.8	2.7
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	...do.....	8.1	3.3	23.7	11.8
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	(NA)	9.8	1.5	2.8
281531	Dyes, lakes, and toners.....	.....	(X)	3.5	(X)	3.9
970099	All other materials, containers, and supplies consumed.....	.....	(X)	² 20.5	(X)	16.8
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	9.7	(X)	5.2
INDUSTRY 2284.--THREAD MILLS						
	Materials, containers, and supplies, total.....	.....	(X)	151.7	(X)	112.4
011201	Raw cotton.....	1,000 bales.....	82.0	18.3	74.7	18.9
282402	All other manmade filament yarn, except glass.....	Million lbs.....	8.2	12.7	5.2	8.6
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company.....	...do.....	78.6	87.6	62.2	62.6
281531	Dyes, lakes, and toners.....	.....	(X)	7.5	(X)	4.1
970099	All other materials, containers, and supplies consumed.....	.....	(X)	23.4	(X)	14.3
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	2.2	(X)	3.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included in code 970099.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2291.--FELT GOODS, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	60.2	(X)	65.0
229701	Raw wool, mohair and other animal fibers.....	24.9	7.0	31.9	7.5
999823	Wool noils and waste.....	7.5	5.8	10.1	5.1
999807	Other fibers (synthetic staple, tow, waste, etc.).....	54.7	11.1	95.8	10.1
970099	All other materials, containers, and supplies consumed.....	(X)	25.9	(X)	25.7
976000	Materials, containers, supplies, n.s.k. ¹	(X)	10.4	(X)	16.7
	INDUSTRY 2292.--LACE GOODS				
	Materials, containers, and supplies, total.....	(X)	23.2	(X)	19.6
228102	Cotton yarns.....	(NA)	2.8	3.8	3.9
282011	Manmade fiber yarn (rayon, acetate, nylon, etc.).....	² 6.6	10.9	5.0	8.5
970099	All other materials, containers, and supplies, consumed.....	(X)	2.6	(X)	4.4
976000	Materials, containers, supplies, n.s.k. ¹	(X)	6.9	(X)	2.8
	INDUSTRY 2293.--PADDING AND UPHOLSTERY FILLING				
	Materials, containers, and supplies, total.....	(X)	78.9	(X)	80.7
999806	Cotton waste.....	176.2	11.2	186.3	14.8
209131	Cotton linters.....	146.8	15.7	194.5	14.8
999807	Other fibers (synthetic staple, tow, waste, etc.).....	73.9	11.0	117.2	15.0
970099	All other materials, containers, and supplies consumed.....	(X)	25.8	(X)	20.0
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	15.2	(X)	16.0
	INDUSTRY 2294.--PROCESSED TEXTILE WASTE				
	Materials, containers, and supplies, total.....	(X)	49.0	(X)	52.6
999806	Cotton waste.....	43.0	2.7	58.9	5.1
999823	Wool noils and waste.....	5.8	1.9	9.5	3.2
999807	Other fibers (synthetic staple, tow, waste, etc.).....	55.3	17.4	(NA)	26.4
999825	New and used rags, clips, etc.....	39.8	9.7	77.6	10.7
970099	All other materials, containers, and supplies consumed.....	(X)	10.8	(X)	3.3
976000	Materials, containers, supplies, n.s.k. ¹	(X)	6.5	(X)	4.0
	Material	Unit of measure	1967	1963	
			Quantity	Delivered cost (million dollars)	Quantity Delivered cost (million dollars)
	INDUSTRY 2295.--COATED FABRICS, NOT RUBBERIZED				
	Materials, containers, and supplies, total.....		(X)	352.3	(X) 245.6
282137	Vinyl and vinyl copolymer resins, all forms.....	Million lbs.....	212.1	46.9	140.2 27.4
220234	Cotton fabrics.....	Million lin. yds.	326.1	115.4	272.3 90.8
220241	Manmade fiber fabrics, including glass.....	...do.....	84.8	43.0	28.5 19.1
970099	All other materials, containers, and supplies consumed.....		(X)	114.9	(X) 80.3
976000	Materials, containers, supplies, n.s.k. ¹		(X)	32.1	(X) 28.0
	INDUSTRY 2296.--TIRE CORD AND FABRIC				
	Materials, containers, and supplies, total.....		(X)	348.9	(X) 298.6
011201	Raw cotton.....	1,000 bales.....	106.9	13.3	104.4 18.1
282301	Rayon and acetate filament yarn.....	Million lbs.....	109.6	48.3	161.2 77.8
282402	All other manmade filament yarn, except glass.....	...do.....	312.4	256.1	174.9 162.0
970099	All other materials, containers, and supplies consumed ¹		(X)	31.2	(X) 40.7
	Material		1967	1963	
			Quantity million pounds)	Delivered cost (million dollars)	Quantity million pounds) Delivered cost (million dollars)
	INDUSTRY 2298.--CORDAGE AND TWINE				
	Materials, containers, and supplies, total.....		(X)	86.9	(X) 82.8
228102	Cotton yarns.....		24.5	8.5	18.5 7.7
282011	Manmade fiber yarn (rayon, acetate, nylon, etc.).....		43.3	28.4	19.7 16.4
970099	All other materials, containers, and supplies consumed.....		(X)	43.2	(X) 51.3
976000	Materials, containers, supplies, n.s.k. ¹		(X)	6.8	(X) 7.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²From 10 to 30 percent of this figure was imputed.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2311.--MEN'S AND BOYS' SUITS AND COATS				
	Materials, containers, and supplies, total.....	(X)	564.3	(X)	482.3
	Broadwoven fabrics, total.....	^e 258.9	389.5	258.2	403.5
220124	Suiting and coating piece goods, excluding linings.....	^e 112.2	301.3	127.9	333.6
220125	All other piece goods, including linings.....	146.7	88.2	130.4	70.0
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	² 3.3	3.8	1.9	2.9
970099	All other materials, containers, and supplies.....	(X)	50.9	(X)	43.1
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	120.4	(X)	32.7
	INDUSTRY 2321.--MEN'S AND BOYS' SHIRTS AND NIGHTWEAR				
	Materials, containers, and supplies, total.....	(X)	523.7	(X)	510.5
	Broadwoven fabrics, total.....	^e 685.8	345.2	853.3	391.2
220124	Suiting and coating piece goods, excluding linings.....	^e 685.8	345.2	23.8	21.4
220125	All other piece goods, including linings.....			829.5	369.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	^e 100.4	73.7	75.1	47.0
970099	All other materials, containers, and supplies.....	(X)	46.5	(X)	48.7
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	58.3	(X)	23.6
	INDUSTRY 2322.--MEN'S AND BOYS' UNDERWEAR				
	Materials, containers, and supplies, total.....	(X)	97.4	(X)	69.8
	Broadwoven fabrics, total.....	71.6	23.9	69.5	21.1
220124	Suiting and coating piece goods, excluding linings.....	-	-	0.5	0.7
220125	All other piece goods, including linings.....	71.6	23.9	68.9	20.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	³ 109.0	58.5	76.1	34.8
970099	All other materials, containers, and supplies.....	(X)	13.9	(X)	12.4
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	1.1	(X)	1.4
	INDUSTRY 2323.--MEN'S AND BOYS' NECKWEAR				
	Materials, containers, and supplies, total.....	(X)	64.6	(X)	52.0
220126	Broadwoven fabrics (piece goods), including linings.....	³ 25.2	39.8	^r 19.6	30.3
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	(NA)	(¹)	0.8	0.7
970099	All other materials, containers, and supplies.....	(X)	6.0	(X)	4.7
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	18.8	(X)	16.2
	INDUSTRY 2327.--MEN'S AND BOYS' SEPARATE TROUSERS				
	Materials, containers, and supplies, total.....	(X)	426.9	(X)	325.9
	Broadwoven fabrics, total....	² 342.8	299.0	321.5	265.9
220124	Suiting and coating piece goods, excluding linings.....	72.2	90.2	53.0	65.1
220125	All other piece goods, including linings.....	² 270.6	208.8	268.5	200.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	^e 2.6	2.5	1.0	0.9
970099	All other materials, containers, and supplies, consumed.....	(X)	47.7	(X)	34.5
973000	Materials, containers, and supplies, n.s.k. ¹	(X)	77.7	(X)	24.6
	INDUSTRY 2328.--MEN'S AND BOYS' WORK CLOTHING				
	Materials, containers, and supplies, total.....	(X)	540.7	(X)	397.1
	Broadwoven fabrics, total.....	681.2	404.5	577.4	325.4
220124	Suiting and coating piece goods, excluding linings.....	^e 681.2	404.5	52.5	34.5
220125	All other piece goods, including linings.....			524.9	290.9
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	^e 7.5	5.6	(X)	59.5
970099	All other materials, containers, and supplies.....		67.5		
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	63.1		(X)	12.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2329.--MEN'S AND BOYS' CLOTHING, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	266.5	(X)	178.4
	Broadwoven fabrics, total.....	185.8	154.9	137.1	122.0
220124	Suiting and coating piece goods, excluding linings.....	^e 58.6	65.6	50.2	58.3
220125	All other piece goods, including linings.....	^e 127.2	89.3	86.9	63.7
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	³ 21.9	23.9	29.1	15.9
970099	All other materials, containers, and supplies.....	(X)	34.9	(X)	24.0
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	52.8	(X)	16.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

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¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²From 30 to 50 percent of this figures was estimated.

³Over 50 percent of this figure was estimated.

⁴Combined with "All other materials, containers, and supplies" to avoid disclosing the operations of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2331. WOMEN'S AND MISSES' BLOUSES AND WAISTS				
	Materials, containers, and supplies, total.....	(X)	239.0	(X)	204.8
	Broadwoven fabrics.....	148.3	97.4	204.3	124.3
220124	Suiting and coating piece goods, excluding linings.....	2148.3	97.4	{ 11.3 193.0	9.6 114.6
220125	All other piece goods, including linings.....				
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	342.1	45.5	35.6	30.1
970099	All other materials, containers, and supplies.....	(X)	19.0	(X)	15.5
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	77.1	(X)	35.0
	INDUSTRY 2335.--WOMEN'S AND MISSES' DRESSES				
	Materials, containers, and supplies, total.....	(X)	991.4	(X)	801.4
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	2498.3	396.8	{ 35.2 630.1	37.3 426.8
220125	All other piece goods, including linings.....				
225601	Knitted fabrics (cotton, wool, manmade fiber fabrics, etc.).....	e110.9	151.8	106.7	103.2
970099	All other materials, containers, and supplies.....	(X)	64.1	(X)	47.8
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	378.7	(X)	186.4
	INDUSTRY 2337.--WOMEN'S AND MISSES' SUITS AND COATS				
	Materials, containers, and supplies, total.....	(X)	678.6	(X)	634.5
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	75.0	206.7	87.0	223.3
220125	All other piece goods, including linings.....	157.5	127.1	293.3	187.2
225601	Knitted fabrics (Cotton, wool, manmade fibers, etc.).....	29.8	36.8	29.7	34.2
970099	All other materials, containers, and supplies.....	(X)	56.1	(X)	62.7
976000	Materials, supplies, and containers, n.s.k. ¹	(X)	251.9	(X)	127.1
	INDUSTRY 2339.--WOMEN'S AND MISSES' OUTERWEAR, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	367.9	(X)	310.2
	Broadwoven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	e201.5	159.0	{ 7.4 261.6	11.6 162.8
220125	All other piece goods, including linings.....				
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	361.8	84.1	52.6	45.9
970099	All other materials, containers, and supplies.....	(X)	28.5	(X)	19.7
976000	Materials, supplies and containers, n.s.k. ¹	(X)	96.3	(X)	70.2

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²From 30 to 50 percent of this figure was estimated.

³Over 50 percent of this figure was estimated.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2341.--WOMEN'S AND CHILDREN'S UNDERWEAR				
	Materials, containers, and supplies, total.....	(X)	469.8	(X)	441.4
	Broadwoven fabrics, total.....	323.8	131.5	358.5	133.8
220124	Suiting and coating piece goods, excluding linings.....	} 1 323.8	131.5	358.5	133.8
220125	All other piece goods, including linings.....				
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	1 335.3	165.3	354.4	160.4
970099	All other materials, containers, supplies, components, etc.....	(X)	73.0	(X)	56.6
976000	Material, containers, and supplies, n.s.k. ²	(X)	100.0	(X)	90.6
	INDUSTRY 2342.--CORSETS AND ALLIED GARMENTS				
	Materials, containers, and supplies, total.....	(X)	237.0	(X)	218.3
220126	Broadwoven fabrics (piece goods), including linings.....	1 113.4	108.0	142.9	106.6
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	2 40.1	37.6	33.5	33.6
970099	All other materials, containers, supplies, components, etc.....	(X)	40.2	(X)	49.1
976000	Materials, containers, and supplies, n.s.k. ²	(X)	51.2	(X)	29.0
	INDUSTRY 2361.--CHILDREN'S DRESSES AND BLOUSES				
	Materials, containers, and supplies, total.....	(X)	163.4	(X)	156.0
	Broadwoven fabrics, total.....	117.5	71.2	184.3	90.3
220124	Suiting and coating piece goods, excluding linings.....	6.2	4.7	3.4	2.6
220125	All other piece goods, including linings.....	111.3	66.5	180.9	87.7
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	49.4	35.0	21.6	19.1
970089	All other materials, containers, supplies, components, etc.....	(X)	15.2	(X)	14.3
976000	Materials, containers, supplies, n.s.k. ²	(X)	42.0	(X)	32.3
	INDUSTRY 2363.--CHILDREN'S COATS AND SUITS				
	Materials, containers, and supplies, total.....	(X)	66.9	(X)	63.6
	Broadwoven fabrics, total.....	(NA)	37.0	40.9	43.6
220124	Suiting and coating piece goods, excluding linings.....	18.3	25.1	18.0	29.5
220125	All other piece goods, including linings.....	(NA)	11.9	22.9	14.1
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	3.1	2.7	0.9	1.5
970089	All other materials, containers, supplies, components, etc.....	(X)	4.9	(X)	6.6
976000	Materials, containers, supplies, n.s.k. ²	(X)	21.3	(X)	11.9
	INDUSTRY 2369.--CHILDREN'S OUTERWEAR, N.E.C.				
	Materials, containers, and supplies, total.....	(X)	180.9	(X)	174.0
	Broadwoven fabrics, total.....	129.2	79.5	184.2	103.6
220124	Suiting and coating piece goods, excluding linings.....	13.0	11.7	13.1	11.4
220125	All other piece goods, including linings.....	116.2	67.8	171.1	92.2
225601	Knitting fabrics (cotton, wool, manmade fibers, etc.).....	2 32.7	42.0	36.0	28.8
970089	All other materials, containers, and supplies, components, etc.....	(X)	18.8	(X)	20.3
976000	Materials, containers, and supplies, n.s.k. ²	(X)	40.6	(X)	21.2

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TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Delivered cost (million dollars)	
		1967	
INDUSTRY 2371.--FUR GOODS			
	Materials, containers, and supplies, total.....	209.5	
019301	Raw furs.....	54.7	
399961	Dressed furs (including dyed and blended furs).....	79.9	
970099	All other materials, containers, supplies.....	11.0	
976000	Materials, containers, supplies, n.s.k. ¹	63.9	

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2381.--FABRIC DRESS AND WORK GLOVES						
	Materials, containers, supplies, etc., total.....		(X)	74.9	(X)	64.0
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.	² 61.1	28.2	54.6	25.4
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	do.....	17.0	14.8	19.9	11.9
311100	Finished leather.....	Million sq. ft...	45.4	10.0	29.8	6.5
970099	All other materials, containers, and supplies.....		(X)	12.9	(X)	15.9
976000	Materials, containers, supplies, n.s.k. ¹		(X)	9.0	(X)	4.3
			1967		1963	
			Quantity	Delivered cost	Quantity	Delivered cost
			(million lin. yds.)	(million dollars)	(million lin. yds.)	(million dollars)
INDUSTRY 2384.--ROBES AND DRESSING GOWNS						
	Materials, containers, supplies, etc., total.....		(X)	87.3	(X)	80.2
220126	Broadwoven fabrics (piece goods), including linings.....		^e 88.6	52.5	106.6	55.5
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....		^e 2.1	2.4	2.7	2.6
970099	All other materials, containers, and supplies.....		(X)	10.4	(X)	7.1
976000	Materials, containers, supplies, n.s.k. ¹		(X)	22.0	(X)	15.0
INDUSTRY 2385.--WATERPROOF OUTER GARMENTS						
	Materials, containers, supplies, etc., total.....		(X)	148.3	(X)	89.7
220126	Broadwoven fabrics (piece goods), including linings.....		^e 97.0	94.7	58.1	58.1
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....		0.7	0.7	0.6	0.6
970099	All other materials, containers, and supplies.....		(X)	17.3	(X)	21.3
976000	Materials, containers, supplies, n.s.k. ¹		(X)	35.6	(X)	9.8
			1967		1963	
			Quantity	Delivered cost	Quantity	Delivered cost
				(million dollars)		(million dollars)
INDUSTRY 2386.--LEATHER AND SHEEP LINED CLOTHING						
	Materials, containers, supplies, etc., total.....		(X)	49.7	(X)	28.0
220126	Broadwoven fabrics (piece goods), including linings.....	Million lin. yds..	4.6	4.5	3.9	3.9
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	do.....	² 0.7	0.7	.7	0.6
311100	Finished leather.....	Million sq.ft....	43.6	20.2	46.3	17.5
399961	Dressed furs (include dyed and blended furs).....		(X)	2.1	(NA)	(NA)
970099	All other materials, containers, and supplies.....		(X)	4.9	(X)	3.3
976000	Materials, containers, supplies, n.s.k. ¹		(X)	17.3	(X)	2.7
INDUSTRY 2387.--APPAREL BELTS						
	Materials, containers, supplies, etc., total.....		(X)	53.8	(X)	39.3
220126	Broadwoven fabrics (piece goods), including linings.....	Million lin. yds.	3.5	2.3	3.8	2.1
311100	Finished leather.....	Million sq. ft...	33.8	18.4	26.1	12.8
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	Million lin. yds.	(³)	(³)	0.6	0.4
970099	All other materials, containers, and supplies.....		(X)	17.0	(X)	11.4
976000	Materials, containers, supplies, etc., n.s.k. ¹		(X)	16.1	(X)	12.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (million lin. yds.)	Delivered cost (million dollars)	Quantity (million lin. yds.)	Delivered cost (million dollars)
	INDUSTRY 2389.--APPAREL AND ACCESSORIES, N.E.C.				
	Materials, containers, supplies, etc., total.....	(X)	51.8	(X)	43.8
220126	Broadwoven fabrics (piece goods), including linings.....	68.9	25.6	64.1	21.0
225601	Knitted fabrics (cotton, wool, manmade fibers, etc.).....	0.7	0.4	1.1	0.6
970099	All other materials, containers, and supplies.....	(X)	12.9	(X)	9.8
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	12.9	(X)	12.3

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²From 30 to 50 percent of this figure was estimated.

³Included with "All other materials, containers, and supplies" to avoid disclosing operations of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2391.—CURTAINS AND DRAPERIES						
	Materials, containers, supplies, etc., total.....		(X)	220.0	(X)	161.7
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	86.8	39.9	75.4	26.0
222101	Rayon and acetate.....	...do.....	76.7	40.5	102.8	44.4
222105	Nylon.....	...do.....	11.8	6.9	7.0	1.7
220127	Other broadwoven fabrics.....	...do.....	78.3	33.1	99.8	37.4
307911	Unsupported plastic film and sheeting (excluding packaging material).....	Million sq. yds..	(NA)	1.8	25.3	2.6
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	35.1	(X)	11.8
976000	Materials, containers, supplies, n.s.k ¹		(X)	62.7	(X)	37.8
INDUSTRY 2392.—HOUSEFURNISHINGS, N.E.C.						
	Materials, containers, supplies, etc., total.....		(X)	550.0	(X)	395.2
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	^e 483.3	216.9	420.3	137.5
222101	Rayon and acetate.....	...do.....	^e 70.6	32.2	70.1	30.2
222105	Nylon.....	...do.....	(NA)	11.6	10.1	3.8
220127	Other broadwoven fabrics.....	...do.....	^e 24.0	20.7	44.6	15.6
229503	Plastic coated, impregnated, or laminated fabrics.....	...do.....	^e 42.7	17.0	40.2	8.1
307911	Unsupported plastic film and sheeting (excluding packaging material).....	Million sq. yds..	^e 117.6	16.2	107.2	14.9
282014	Manmade fibers (staple and tow).....	Million lbs.....	^e 28.0	15.0	18.0	9.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	119.1	(X)	101.5
972000	Materials, containers, supplies, n.s.k ¹		(X)	101.3	(X)	74.1
INDUSTRY 2393.—TEXTILE BAGS						
	Materials, containers, supplies, etc., total.....		(X)	181.7	(X)	123.6
	Broadwoven fabrics:					
221101	Cotton.....	Million lin. yds.	324.2	72.2	139.7	27.5
222105	Nylon.....	...do.....	(NA)	(²)	(NA)	(²)
220127	Other broadwoven fabrics.....	...do.....	^e 507.3	60.8	495.2	62.4
229503	Plastic coated, impregnated or laminated fabrics.....	...do.....	18.0	4.0	3.7	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	² 30.1	(X)	² 20.8
976000	Materials, containers, supplies, n.s.k. ¹		(X)	14.6	(X)	12.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2394.--CANVAS PRODUCTS					
	Materials, containers, supplies, etc., total.....	.....	(X)	136.7	(X)	83.7
	Broadwoven fabrics (piece goods) excluding coated, impregnated or laminated fabrics:					
221101	Cotton.....	Million lin. yds.	69.5	45.8	63.0	31.2
222101	Rayon and acetate.....	...do.....	3.5	3.2	(³)	(³)
222105	Nylon.....	...do.....	3.9	3.2	5.6	4.2
220127	Other broadwoven fabrics.....	...do.....	5.3	8.2	2.9	3.3
229503	Plastic coated, impregnated or laminated fabrics.....	...do.....	(X)	42.3	(X)	18.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	34.0	(X)	26.2
976000	Materials, containers, supplies, n.s.k. ¹.....	.....			
	INDUSTRY 2399.--FABRICATED TEXTILE PRODUCTS, N.E.C.					
	Materials, containers, supplies, etc., total.....	.....	(X)	276.8	(X)	176.6
	Broadwoven fabrics (piece goods) excluding coated, impregnated or laminated fabrics:					
221101	Cotton.....	Million lin. yds.	121.3	33.8	121.1	25.1
222101	Rayon and acetate.....	...do.....	(NA)	(³)	4.6	2.6
222105	Nylon.....	...do.....	^e 88.5	35.5	23.1	12.3
220127	Other broadwoven fabrics.....	...do.....	(NA)	² 4.3	4.2	3.9
229503	Plastic coated, impregnated, or laminated fabric.....	...do.....	(NA)	12.6	10.1	7.2
307911	Unsupported plastic film and sheeting, excluding packaging material.....	Million sq. yds.	^e 6.9	2.1	11.5	5.4
282014	Manmade fibers (staple and tow).....	Million lbs.....	11.6	5.0	12.9	4.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	124.4	(X)	63.8
976000	Materials, containers, supplies, n.s.k. ¹.....	.....	(X)	59.1	(X)	51.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included in "All other materials, etc."

³Included with "Other broadwoven fabrics."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967 delivered cost (million dollars)	1963 delivered cost (million dollars)			
	INDUSTRY 2411.—LOGGING CAMPS AND LOGGING CONTRACTORS					
	Materials, containers, and supplies, total.....	485.6	396.2			
081111	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products.....	143.6	172.0			
970099	All other materials and components, parts, containers, and supplies.....	71.4	62.4			
971000	All other materials and components, parts, containers, and supplies, n.s.k. ¹	270.6	161.8			
	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2421.—SAWMILLS AND PLANING MILLS, GENERAL					
	Materials, parts, and supplies, total.....		(X)	1,609.3	(X)	1,430.1
081111	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products.....		(X)	315.6	(X)	336.2
241111	Logs, bolts and unsliced flitches: Hardwood.....	Million ft. (log scale).....	2,702.8	139.4	15,061.6	520.6
241112	Softwood.....	...do.....	9,909.9	506.0		
242110	Rough lumber: Hardwood.....	Million bd. ft....	^e 632.6	45.2	620.0	32.0
242118	Softwood.....	...do.....	1,981.0	131.1	2,485.2	149.8
242111	Rough lumber, hardwood and softwood.....	...do.....	(X)	(X)	556.8	20.7
242121	Dressed lumber: Hardwood.....	...do.....	(NA)	4.9	39.6	3.8
242128	Softwood.....	...do.....	722.7	57.5	629.0	41.4
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	182.0	(X)	146.5
973000	All other materials, parts, and supplies consumed, including materials, etc., n.s.k. ¹		(X)	227.6	(X)	179.2
	INDUSTRY 2426.—HARDWOOD DIMENSION AND FLOORING					
	Materials, containers, and supplies, total.....		(X)	178.9	(X)	170.9
081111	Cost of stumpage cut (excluding land value), etc.....		(X)	3.2	(X)	2.1
241111	Logs, bolts and unsliced flitches: Hardwood.....	Million ft.....	^e 314.5	20.8	320.1	16.8
241112	Softwood.....	...do.....	21.4	1.4		
242110	Rough lumber: Hardwood.....	Million bd. ft...	987.7	96.0	1,232.5	98.3
242118	Softwood.....	...do.....	73.0	5.5	63.4	3.6
242121	Dressed lumber: Hardwood.....	...do.....	^e 21.1	3.4	29.2	3.6
242128	Softwood.....	...do.....	^e 11.3	.8	4.7	0.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	27.4	(X)	23.1
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. ¹		(X)	20.4	(X)	22.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2429.--SPECIAL PRODUCT SAWMILLS, N.E.C.					
	Materials, parts, and supplies, total.....	.....	(X)	60.9	(X)	47.2
081111	Cost of stumpage cut (excluding land value) for use in the manu- facture of logs, lumber, veneer plywood or other wood products.	.....	(X)	4.9	(X)	3.7
	Logs, bolts and unsliced flitches, total:					
241111	Hardwood.....	Million ft. (log scale)....	(NA)	15.2	} 466.9	20.1
241112	Softwood.....	...do.....	(NA)	11.4		
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	18.2	(X)	13.5
971000	All other materials, components, parts, containers, and supplies consumed, n.s.k. ¹.....	.....	(X)	11.2	(X)	9.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2431.--MILLWORK					
	Materials, containers, and supplies, total.....	.....	(X)	721.5	(X)	643.9
	Logs, bolts, and unsliced flitches, total.....	Million ft. log scale.....	(NA)	9.4	51.6	3.4
241111	Hardwood.....	...do.....	(NA)	2.0	51.6	3.4
241112	Softwood.....	...do.....	(NA)	7.4		
	Rough lumber:					
242110	Hardwood.....	Million bd. ft...	^e 198.0	40.0	136.8	26.1
242118	Softwood.....	...do.....	576.4	77.7	549.6	75.3
	Dressed lumber:					
242121	Hardwood.....	...do.....	(NA)	16.9	45.2	7.8
242128	Softwood.....	...do.....	953.1	127.6	1,075.2	126.8
243250	Hardwood veneer.....	Million sq. ft. surf. meas.....	456.8	28.1	381.0	16.2
243260	Softwood veneer.....	Million sq. ft. 1" basis.....	(NA)	2.1	99.4	8.2
	Hardwood plywood-other than container type:					
243211	Veneer core.....	Million sq. ft. surf. meas.....	^e 540.3	52.1	454.2	47.4
243213	Board core, including lumber, particleboard and hardboard core.	... do.....	^e 19.9	5.6	23.1	8.3
243203	Softwood plywood.....	Million sq. ft. 3/8" basis.....	^e 123.6	14.7	154.7	15.7
342940	Builders' hardware, including doors, locks, locksets, lock trim, miscellaneous sash screen, and shelf hardware; hinges and butts; hangers, tracks and related items; cabinet hardware, and all other builders' hardware.....	.....	(X)	37.9	(X)	26.2
249930	Particleboard.....	million sq. ft. 3/4" basis.....	^e 42.3	5.5	(X)	124.0
249960	Hard pressed wood fiberboard.....	Million sq. ft. 1/8" basis.....	^e 140.5	7.2		
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....	.....	(X)	3.6		
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	152.0	(X)	158.4
971000	All other materials, n.s.k ¹.....	.....	(X)	141.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Materials	Unit of measure	1967			1963		
			Quantity	Delivered cost (million dollars)	Consumption of material produced in this establishment (quantity)	Quantity	Delivered cost (million dollars)	Consumption of material produced in this establishment (quantity)
	INDUSTRY 2432.--VENEER AND PLYWOOD							
	Materials, parts, and supplies, total.....		(X)	935.8	(X)	(X)	730.6	(X)
081111	Cost of stumpage cut (timber, excluding land) for use in same establishment in the manufacture of logs, lumber, veneer, plywood, or other wood products.....		(X)	97.1	(X)	(X)	45.5	(X)
241111	Logs, bolts, and unsliced flitches: Hardwood.....	Million ft. log-scale.....	702.8	73.6	(NA)	4,089.8	265.2	1,025.3
241112	Softwood.....	do.....	3,497.4	205.2	(NA)			
242101	Lumber, rough and dressed: Hardwood.....	Million bd. ft.	70.9	7.4	(NA)	64.0	7.4	8.8
242103	Softwood.....	do.....	43.2	4.9	(NA)	45.7	3.5	34.7
243250	Hardwood veneer.....	Million sq. ft. surf. meas....	3,584.6	142.8	(NA)	2,708.7	104.5	(NA)
243260	Softwood veneer.....	Million sq. ft. 1" basis.....	2,083.4	158.1	(NA)	1,709.3	134.4	2,438.3
243210	Hardwood plywood.....	Million sq. ft. surf. meas....	773.3	60.8	(X)	291.4	28.9	(X)
243203	Softwood plywood.....	Million sq. ft. 3/8" basis....	147.4	11.6	(X)	90.4	8.0	(X)
289111	Glues and adhesives (soybean, casein, blood, albumen, synthetic resin adhesives, etc.).....	Million lbs....	678.4	39.3	(X)	(NA)	28.1	(X)
282140	Thermosetting resins (including melamines phenolics, polyesters, ureas, etc., in all forms, including granular, pellet, powder, liquid, sheet, etc.) excluding synthetic resin adhesives.....	Million lbs. dry basis....	(S)	12.8	(X)	(NA)	12.8	(X)
249930	Particleboard.....	Million sq. ft. 3/4" basis....	44.1	5.8	(X)	(X)	77.3	(X)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	98.7	(X)	(X)		(X)
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. ¹		(X)	17.6	(X)	(X)	15.0	(X)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2433.--PREFABRICATED WOOD STRUCTURES					
	Materials, parts, and supplies, total.....	.....	(X)	259.0	(X)	212.4
	Rough lumber:					
242110	Hardwood.....	Million bd. ft...	^e 32.3	3.6	8.3	0.9
242118	Softwood.....	...do.....	^e 130.3	13.1	98.6	9.7
	Dressed lumber:					
242121	Hardwood.....	Million bd. ft...	33.3	4.2	30.6	4.3
242128	Softwood.....	...do.....	740.2	80.1	633.1	63.6
243210	Hardwood plywood.....	Million sq. ft. surf. meas.....	(NA)	2.5	15.1	2.2
243203	Softwood plywood.....	Million sq. ft. 3/8" basis.....	^e 239.6	22.1	176.8	14.6
282140	Thermosetting resins (melamines, phenolics, ureas, etc., on dry basis including granules, pellets, powder, liquid, sheets, etc..	Million lbs.....	^e 8.7	3.0	(S)	1.1
342940	Builders' hardware; including door locks, lock sets, lock trim, miscellaneous sash, screen and shelf hardware; hinges and butts; hangers, tracks and related items; cabinet hardware and all other builders' hardware.....	.....	(X)	8.7	(X)	13.9
970099	All other materials and components, parts, containers and supplies consumed, n.e.c.....	.....	(X)	89.9	(X)	61.1
971000	All other materials, n.s.k ¹.....	.....	(X)	31.8	(X)	40.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFor 1967, over 30 percent of the data for this line was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK					
	Materials, containers, and supplies, total.....		(X)	133.1	(X)	97.6
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale)....	^e 50.5	2.3	} (S)	(S)
241112	Softwood.....	...do.....	^e 98.7	6.5		
	Rough lumber:					
242110	Hardwood.....	Million board ft.	145.2	10.7	203.6	13.7
242118	Softwood.....	...do.....	368.8	26.4	304.4	20.5
	Dressed lumber:					
242121	Hardwood.....	...do.....	^e 16.5	1.5	40.6	3.9
242128	Softwood.....	...do.....	299.1	24.8	125.8	10.4
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	^e 41.9	3.7	(S)	2.4
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas.).	} (NA)	2.1	(S)	2.6
243250	Hardwood veneer.....	Million sq. ft. (1" basis).....				
243260	Softwood veneer.....	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	32.9	(X)	22.2
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k. ¹		(X)	22.2	(X)	18.1
	INDUSTRY 2442.--WIREBOUND BOXES AND CRATES					
	Materials, containers, and supplies, total.....		(X)	64.8	(X)	53.8
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale)....	76.6	5.0	} 144.9	8.7
241112	Softwood.....	...do.....	18.8	1.2		
	Rough lumber:					
242110	Hardwood.....	Million board ft.	154.9	10.5	109.4	6.6
242118	Softwood.....	...do.....	33.3	2.0	29.8	1.8
	Dressed lumber:					
242121	Hardwood.....	...do.....	42.9	3.4	39.4	2.5
242128	Softwood.....	...do.....	64.0	5.2	37.7	2.7
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	8.1	0.6	1.5	0.1
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas.).	(NA)	0.7	9.3	1.2
243250	Hardwood veneer.....	...do.....	450.7	9.2	487.4	8.6
243260	Softwood veneer.....	Million sq. ft. (1" basis).....	31.6	3.6	37.8	3.8
970099	All other materials, components, parts, containers, and supplies consumed.....		(X)	18.6	(X)	13.5
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k. ¹		(X)	4.8	(X)	4.2
	INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS					
	Materials, containers, and supplies, total.....		(X)	12.0	(X)	10.4
	Logs, bolts, and unsliced flitches:					
241111	Hardwood.....	Million feet (log scale).....	} 42.4	3.2	49.3	3.1
241112	Softwood.....	...do.....				
	Rough lumber:					
242110	Hardwood.....	Million board feet.....	} 5.7	0.5	11.1	0.8
242118	Softwood.....	...do.....				
	Dressed lumber:					
242121	Hardwood.....	...do.....	} 5.7	0.5	3.3	0.2
242128	Softwood.....	...do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS--Cont.					
	Materials, containers, and supplies--Cont.					
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	} (NA)	2.6	(X)	0.4
243215	Hardwood plywood, container type.....	Million sq. ft. (surface meas- ure).....				
243250	Hardwood veneer.....	...do.....				
243260	Softwood veneer.....	Million sq. ft. (1" basis).....				
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	3.0	(X)	3.3
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....	.....	(X)	2.3	(X)	2.7
	INDUSTRY 2491.--WOOD PRESERVING					
	Materials, parts, and supplies, total.....	.....	(X)	198.4	(X)	143.6
	Treated in same establishment:					
241109	Poles, piling, and other round or hewn wood products.....	.....	(X)	81.7	(X)	55.3
	Rough lumber including sawn ties:					
242110	Hardwood.....	Million bd. ft...	^e 241.4	20.6	158.7	12.0
242118	Softwood.....	...do.....	^e 383.1	33.7	276.6	23.0
	Consumed in same establishment:					
281551	Creosote oil.....	Million gallons..	^e 149.8	35.7	124.6	29.4
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	17.1	(X)	12.5
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....	.....	(X)	9.5	(X)	11.4
	INDUSTRY 2499.--WOOD PRODUCTS, N.E.C.					
	Materials, containers, and supplies consumed, total.....	.....	(X)	527.5	(X)	326.1
241108	Logs, bolts, and unsliced flitches.....	Million ft (log scale).....	^e 807.1	42.5	372.5	19.5
	Rough lumber including sawn ties:					
242110	Hardwood.....	Million bd. ft...	^e 729.7	58.2	459.7	32.1
242118	Softwood.....	...do.....	^e 255.0	19.9	198.7	15.4
	Dressed lumber:					
242121	Hardwood.....	...do.....	^e 207.5	20.4	111.4	10.4
242128	Softwood.....	...do.....	^e 373.4	34.1	198.5	18.7
242622	Rough, surfaced, or semifabricated hardwood dimension and dimension stock.....	...do.....	(NA)	15.0	51.0	8.7
242011	Chips, slabs, edgings, shavings, sawdust, and other wood wastes..	.....	(X)	15.2	(X)	7.2
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(X)	30.3	} (X)	136.4
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	204.4		
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....	.....	(X)	87.4		

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) under \$50 thousand. ^eFrom 10 to 30 percent of this figure was estimated.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total.....	Million bd. ft...	(X)	1,020.8	(X)	799.2
242101	Hardwood lumber, rough and dressed.....	...do.....	^e 1,192.5	186.9	1,167.7	162.4
242103	Softwood lumber, rough and dressed.....	...do.....	^e 275.2	32.7	252.1	25.2
243250	Hardwood veneer.....	Million sq. ft...	1,030.2	54.7	1,178.0	50.0
	Hardwood plywood other than container type:					
243211	Veneer core.....	...do.....	(NA)	62.8	244.2	46.2
243213	Lumber core, including particleboard core.....	...do.....	(NA)	31.1	67.6	21.2
243203	Softwood plywood.....	...do.....	^e 113.2	15.6	78.0	11.8
249930	Particleboard.....	Million sq. ft. 3/4" basis.....	^e 154.5	21.1	112.7	11.5
242622	Rough surfaced, or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft...	^e 235.9	86.9	160.5	48.1
251261	Furniture frames, wood.....	.....	(X)	10.3	(X)	5.3
322150	Mirrors, framed and unframed.....	Million sq. ft...	(NA)	15.5	20.7	14.1
321101	Flat glass (plate and sheet).....	...do.....	(NA)	4.8	6.8	2.7
285101	Paints, varnishes, lacquers, japans, and enamel.....	Million gallons..	^e 26.9	53.2	24.3	47.4
342901	Furniture and builders' hardware, including cabinet hardware casters, gliders, handles, hinges, locks, etc.....	.....	(X)	63.0	(X)	48.4
307931	Plastic laminated sheets.....	.....	(X)	26.0	(X)	18.0
249960	Hard pressed wood fiberboard.....	Million sq. ft. 1/8" basis.....	(NA)	18.7	162.2	9.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	230.2	(X)	141.8
971000	All other materials, components, parts, containers, and supplies, n.s.k. ¹.....	.....	(X)	107.1	(X)	136.1
	INDUSTRY 2512.--UPHOLSTERED WOOD FURNITURE					
	Materials, parts containers, and supplies, total.....	.....	(X)	569.0	(X)	457.6
242101	Hardwood lumber rough and dressed.....	Million bd. ft...	^e 397.2	50.4	335.7	35.4
242103	Softwood lumber, rough and dressed.....	...do.....	^e 70.7	7.6	52.0	3.7
242622	Rough, surfaced, or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft...	^e 50.3	13.1	40.8	8.1
251261	Furniture frames, wood.....	.....	(X)	60.8	(X)	45.1
	Foam cores for mattresses (excluding topper pads):					
306933	Rubber.....	1,000 units.....	(NA)	2.6	(S)	1.3
307922	Polyurethane.....	...do.....	(NA)	6.8	(S)	2.0
	Formed and slab stock for pillows, cushions, seating, etc.:					
306931	Rubber.....	Million lbs.....	(NA)	26.4	35.8	20.8
307921	Polyurethane.....	...do.....	^e 40.8	23.6	36.8	27.3
229308	Paddings and fillings, except rubber, and plastic foam.....	...do.....	(NA)	12.1	(S)	9.4
209131	Cotton linters (net weight).....	...do.....	54.6	9.3	60.4	9.2
348138	Springs, innerspring units, and box spring constructions.....	1,000 short tons.	(NA)	18.3	(S)	18.1
348135	Constructions for dual-purpose sleep furniture.....	.....	(X)	4.4	(X)	4.5
285110	Paints, varnishes, lacquers, japans, and enamels.....	Million gal.....	(NA)	4.6	1.8	3.4
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	.....	(X)	15.6	(X)	9.3
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	^e 18.2	23.9	9.0	13.4
307931	Plastic laminated sheets.....	.....	(X)	3.7	(X)	4.5
	Woven upholstery fabrics, (excluding ticking and muslin):					
221161	Cotton.....	Million lin. yds.	(NA)	69.7	20.5	34.2
222103	Other (rayon, nylon, etc.).....	...do.....	^e 34.3	74.1	45.7	80.5
970099	All other materials and components, containers, and supplies consumed, n.e.c. ¹.....	.....	(X)	87.3	(X)	58.6
971000	All other materials and components, parts, containers, and supplies, n.s.k. ¹.....	.....	(X)	54.7	(X)	68.8
	INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total.....	.....	(X)	292.3	(X)	266.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	283.2	43.1	235.0	37.6
331019	All other carbon steel mill shapes and forms, including tubing.....	1,000 short tons.	(NA)	24.7	108.4	23.2
331020	Alloy steel (except stainless).....	...do.....	(NA)	3.2	(S)	3.6
331031	Stainless steel.....	...do.....	(NA)	3.7	1.5	1.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE						
Materials, parts, containers, and supplies, total--Con.						
Aluminum and aluminum-base alloy mill shapes and forms:						
335202	Sheet, plate, and foil.....	Million lbs.....	^e 24.0	9.6	12.9	4.9
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	15.6	31.8	11.2
335209	All other aluminum mill shapes and forms (wire, rolled, rod and bar, powder, welded, tubing, etc.).....	...do.....	^e 23.3	9.3	32.9	14.8
348138	Springs, innerspring units, and box spring constructions.....	1,000 short tons.	(NA)	1.2	(S)	1.4
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gal.....	(NA)	6.1	1.7	5.3
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	Million sq. yds..	(X)	13.3	(X)	10.1
307911	Unsupported plastic film and sheets, excluding packaging materials.....	Million sq. yds..	(NA)	7.0	(S)	3.8
307931	Plastic laminated sheets.....	.....	(X)	10.5	(X)	12.1
229508	Coated or laminated fabric for upholstery.....	Million lin. yds.	^e 13.0	11.4	8.8	9.1
249930	Particleboard.....	Million sq. ft. 3/4" basis.....	^e 55.9	8.3	38.8	6.6
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes.....	.....	(X)	17.2	(X)	14.8
321101	Flat glass (plate and sheet).....	Million sq. ft...	(NA)	4.2	5.9	3.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	82.7	(X)	74.4
971000	All other materials, components, parts, containers, and supplies, n.s.k. ¹.....	.....	(X)	21.3	(X)	28.1
INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS						
Materials, parts, containers, and supplies, total.....						
.....						
251261	Furniture frames, wood.....	.....	(X)	382.0	(X)	333.9
242622	Rough, surfaced or semifabricated hardwood furniture dimension and dimension stock.....	Million bd. ft....	^e 57.2	5.5	(S)	3.0
Carbon steel, including wrought iron mill shapes and forms:						
331012	Sheet and strip.....	1,000 short tons..	42.5	8.2	38.5	7.0
331019	All other carbon steel mill shapes and forms, including tubing. .....	...do.....	20.3	3.7	31.4	6.0
348138	Springs, innerspring units and box spring constructions.....	...do.....	^e 168.8	70.3	164.5	58.8
348135	Constructions for dual-purpose sleep furniture.....	.....	(X)	5.5	(X)	6.5
Woven upholstery fabrics, excluding ticking and muslin:						
221161	Cotton.....	Million lin. yds..	^e 9.4	12.3	8.1	10.9
222103	Other (rayon, nylon, etc.).....	Million lin. yds..	^e 5.2	6.8	4.8	7.4
221141	Ticking (mattress).....	...do.....	^e 97.8	53.3	91.1	46.2
209131	Cotton linters (net weight).....	Million lbs.....	^e 246.3	21.1	240.0	18.3
229308	Paddings and fillings, except rubber and plastic foam.....	...do.....	^e 106.3	17.3	112.1	18.0
Foam cores for mattresses, excluding topper pads:						
306933	Rubber.....	1,000 units.....	^e 576.8	13.6	444.4	10.6
307922	Polyurethane.....	...do.....	(NA)	12.0	970.7	9.1
229508	Coated or laminated fabric for upholstery.....	Million lin. yds..	^e 1.8	1.7	} (X)	67.2
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	88.6		
970000	All other materials and components, parts, containers, and supplies, n.s.k. ¹	(X)	48.0			(X)	54.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. ^e Over 30 percent of the data for this line was estimated.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2521.--WOOD OFFICE FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	65.6	(X)	40.4
242101	Hardwood lumber, rough and dressed.....	Million bd. ft...	67.0	12.5	43.5	7.1
242103	Softwood lumber, rough and dressed.....	...do.....	6.5	0.8	2.0	0.2
243250	Hardwood veneer.....	Million sq. ft. (surf. meas.)...	59.5	2.8	48.4	2.5
243210	Hardwood plywood.....	...do.....	16.6	6.5	5.9	2.4
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(S)	0.8	2.0	0.1
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	8.0	1.8	2.7	0.7
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	2.0	0.2	0.5	0.1
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	8.6	(X)	4.2
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons.	9.9	2.8	(NA)	0.1
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	(S)	1.5	(S)	0.7
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals.....	0.7	1.6	0.5	1.2
307931	Plastic laminated sheets.....		(X)	2.5	(X)	1.4
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	0.9	2.3	0.7	1.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	2.3	(X)	1.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	15.3	(X)	8.8
971000	Materials, components, parts, containers, and supplies, n.s.k. ¹ .		(X)	3.3	(X)	8.4
INDUSTRY 2522.—METAL OFFICE FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	202.8	(X)	136.0
242101	Hardwood lumber, rough and dressed.....	Million bd. ft..	^e 6.3	0.8	3.9	0.5
242103	Softwood lumber, rough and dressed.....	...do.....	^e 7.9	0.7	1.7	0.2
243250	Hardwood veneer.....	Million sq. ft. (surf. meas.)..	(NA)	0.5	(S)	0.4
243210	Hardwood plywood.....	...do.....	^e 1.7	0.6	1.4	0.5
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)...	(NA)	0.4	(S)	0.2
249930	Particleboard.....	Million sq. ft. (3/4" basis)...	^e 2.4	0.6	0.9	0.2
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	22.4	(X)	18.0
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons	450.7	71.9	303.3	46.5
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	^e 31.3	6.5	20.5	4.5
331020	Alloy steel mill shapes and forms (except stainless).....	...do.....	^e 33.1	3.1	11.4	1.6
331031	Stainless steel mill shapes and forms.....	...do.....	^e 0.4	0.6	(S)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	^e 7.9	4.8	4.4	2.6
285101	Paints, varnishes, lacquers, japans, and enamel.....	Million gals....	^e 2.6	8.3	1.8	5.8
307931	Plastic laminated sheets.....		(X)	6.4	(X)	3.1
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds	3.3	5.8	1.4	2.5
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes.....		(X)	13.4	(X)	7.3
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	46.7	(X)	31.3
971000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	9.5	(X)	10.5
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE						
	Materials, parts, containers, and supplies, total.....		(X)	173.9	(X)	119.0
229508	Coated or laminated fabric (for upholstery).....	Mil. lin. yds....	^e 1.6	4.2	1.7	3.3
242101	Hardwood lumber, rough and dressed.....	Mil. bd. ft.....	^e 49.3	11.7	52.6	10.4
242103	Softwood lumber, rough and dressed.....	...do.....	^e 18.9	2.7	18.9	2.8
243250	Hardwood veneer.....	Mil. sq. ft. (sur. meas.)....	^e 74.8	4.2	78.1	3.5
243210	Hardwood plywood.....	...do.....	18.1	5.2	13.7	4.3
243203	Softwood plywood.....	Mil. sq. ft. (3/8" basis)....	^e 16.8	2.4	15.8	1.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2531.--PUBLIC BUILDING FURNITURE					
	Materials, parts, containers, and supplies--Continued					
249930	Particleboard.....	Mil. sq. ft. (3/4" basis)....	^e 22.2	3.0	14.8	2.1
249960	Hard pressed wood fiberboard.....	Mil. sq. ft. (1/8" basis)....	^e 28.9	2.4	13.0	0.9
265011	Paperboard boxes and containers (including folding, corrugated, and set-up).....	.....	(X)	4.0	(X)	3.2
285101	Paints, varnishes, lacquers, japans, and enamels.....	Mil. gals.....	^e 1.4	3.3	1.1	3.0
307931	Plastic laminated sheets.....	.....	(X)	6.9	(X)	3.8
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 s. tons....	91.3	15.2	70.1	12.3
331019	All other carbon steel mill shapes and forms (including tubing).....	...do.....	^e 15.1	3.8	24.2	4.6
331020	Alloy steel mill shapes and forms (except stainless).....	...do.....	^e 3.7	1.3	1.2	0.6
331031	Stainless steel mill shapes and forms.....	...do.....	^e 0.3	0.4	(NA)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	^e 9.0	5.9	4.8	2.6
342901	Furniture and builder's hardware, including cabinet hardware, casters, gliders.....	.....	(X)	10.4	(X)	5.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	67.6	(X)	36.7
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	19.2	(X)	17.0
	INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES					
	Materials, parts, containers, and supplies, total.....	.....	(X)	188.3	(X)	154.5
229508	Coated or laminated fabric (for upholstery).....	Mil. lin. yds....	(NA)	0.5	(S)	0.3
242101	Hardwood lumber, rough and dressed.....	Mil. bd. ft.....	(NA)	10.6	30.1	8.6
242103	Softwood lumber, rough and dressed.....	...do.....	28.1	6.5	27.6	4.4
243250	Hardwood veneer.....	Mil. sq. ft. (surf. meas)....	(NA)	3.6	(S)	2.1
243210	Hardwood plywood.....	...do.....	^e 31.6	10.8	45.6	13.4
243203	Softwood plywood.....	Mil. sq. ft. (3/8" basis)....	^e 60.3	10.2	52.0	8.1
249930	Particleboard.....	Mil. sq. ft. (3/4" basis)....	^e 72.4	12.3	29.2	5.4
249960	Hard pressed wood fiberboard.....	Mil. sq. ft. (1/8" basis)....	^e 33.3	3.5	22.2	2.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....	.....	(X)	2.2	(X)	1.2
285101	Paints, varnishes, lacquers, japans, and enemels.....	Mil. gals.....	^e 1.9	5.6	1.5	4.4
307931	Plastic laminated sheets.....	.....	(X)	24.7	(X)	16.7
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 short tons.	^e 15.5	2.5	(S)	0.7
331019	All other carbon steel mill shapes and forms, including tubing.....	...do.....	^e 3.9	1.2	3.5	0.8
331020	Alloy steel mill shapes and forms, except stainless.....	1,000 short tons.	(NA)	0.6	2.2	0.6
331031	Stainless steel mill shapes and forms.....	...do.....	(NA)	0.7	(S)	1.0
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	^e 3.0	1.5	2.5	1.3
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....	.....	(X)	13.3	(X)	8.2
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	33.0	(X)	23.4
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	44.8	(X)	51.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES						
	Materials, parts, containers, and supplies, total.....		(X)	193.7	(X)	152.1
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds..	(NA)	0.1	(S)	0.2
242101	Hardwood lumber, rough and dressed.....	Million bd. ft....	6.4	1.3	5.9	0.7
242103	Softwood lumber, rough and dressed.....	...do.....	7.6	1.3	7.9	1.3
243250	Hardwood veneer.....	Million sq. ft. (surface measure)	(NA)	0.2	(S)	0.1
243210	Hardwood plywood.....	...do.....	e3.4	1.0	2.3	0.8
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(NA)	0.7	5.6	0.8
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	(NA)	0.8	1.6	0.4
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(NA)	1.8	18.5	1.5
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	6.9	(X)	5.8
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals.....	2.7	9.2	2.2	6.6
307931	Plastic laminated sheets.....		(NA)	1.6	(X)	0.4
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons..	e494.8	82.4	392.9	60.3
331019	All other carbon steel mill shapes and forms, including tubing.....	...do.....	(NA)	8.4	27.4	5.7
331020	Alloy steel mill shapes and forms, except stainless.....	1,000 short tons..	(NA)	1.6	7.3	1.1
331031	Stainless steel mill shapes and forms.....	1,000 short tons..	e1.9	1.8	2.1	2.2
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	(NA)	3.1	5.1	2.5
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....		(X)	11.4	(X)	8.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	37.5	(X)	32.5
976000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	22.4	(X)	20.5
INDUSTRY 2591.--VENETIAN BLINDS AND SHADES						
	Materials, parts, containers, and supplies, total.....		(X)	104.9	(X)	82.9
Mill shapes and forms:						
Carbon steel (including wrought iron):						
331012	Sheet and strip.....	1,000 short tons.	86.6	16.8	45.6	8.8
331019	All other carbon steel, including tubing.....	...do.....	(NA)	1.0	35.7	6.3
331025	Alloy steel, including stainless.....	...do.....	(NA)	2.0	(S)	0.6
Aluminum and aluminum-base alloy						
335202	Sheet, plate, and foil.....	Million lbs.....	e10.3	3.9	5.6	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	3.5	2.0	1.5
335209	Wire, rolled rod, and bar, powder, welded tubing, extruded shapes, etc.).....	...do.....	(NA)	0.5	(S)	1.0
229506	Plastic-coated fabric and shade cloth.....	million lin. yds.	(NA)	9.3	11.9	6.5
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c.....		(X)	50.0	(X)	36.3
976000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	17.8	(X)	18.9
INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	71.5	(X)	48.6
229508	Coated or laminated fabric (for upholstery).....	Million lin. yds.	e1.3	2.7	0.9	1.5
242101	Hardwood lumber, rough and dressed.....	Million bd. ft....	(NA)	4.4	7.7	2.4
242103	Softwood lumber, rough and dressed.....	...do.....	e12.8	2.3	3.1	0.4
243250	Hardwood veneer.....	Million sq. ft. (surface measure)	e1.2	0.8	5.0	1.9
243210	Hardwood plywood.....	...do.....	e11.9	2.6		
243203	Softwood plywood.....	Million sq. ft. (3/8" basis)....	(NA)	2.2	9.0	1.5
249930	Particleboard.....	Million sq. ft. (3/4" basis)....	e10.7	1.6	3.5	0.5
249960	Hard pressed wood fiberboard.....	Million sq. ft. (1/8" basis)....	(NA)	0.4	3.7	0.2
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes.....		(X)	1.1	(X)	0.5
285101	Paints, varnishes, lacquers, japans, and enamels.....	Million gals.....	(NA)	1.6	0.2	0.6
307931	Plastic laminated sheets.....		(X)	3.8	(X)	2.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.--Con.					
	Materials, parts, containers, and supplies--Con.					
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	1,000 short tons.	^e 31.5	5.1	13.6	2.3
331019	All other carbon steel mill shapes and forms, including tubing.....	...do.....	^e 7.8	1.6	10.4	1.8
331020	Alloy steel mill shapes and forms, except stainless.....	...do.....	(NA)	0.3	(S)	0.1
331031	Stainless steel mill shapes and forms.....	...do.....	(NA)	4.5	1.8	2.0
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	Million lbs.....	^e 1.8	1.3	}	1.0
342901	Furniture and builder's hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc.....	.....	(X)	3.4		
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	18.9	(X)	14.5
976000	Materials, components, parts, containers, and supplies, n.s.k....	.....	(X)	12.9	(X)	14.6

Note: Detail figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error on the basis of a consistency review. (Z) Under \$50 thousand.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2611.--PULPMILLS					
	Materials and supplies, total.....		(X)	362.0	(X)	278.7
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of 128 cu. ft.....				
			945.6	23.2	492.4	12.3
241102	Hemlock.....	...do.....	1,317.1	27.2	1,649.4	31.6
241103	Jack pine.....	...do.....	(D)	(D)	3.6	(Z)
241104	Southern pine.....	...do.....	2,634.9	61.5	2,323.0	47.6
241105	Other softwoods (include Douglas fir).....	...do.....	(S)	(S)	273.1	4.2
242157	Chips.....	...do.....	2,937.3	48.4	1,403.9	23.2
242015	Slabs, cores, and other mill waste.....	...do.....	(S)	(S)	281.1	3.4
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods.....	...do.....	(D)	(D)	170.9	4.2
241107	Poplar (aspen and popple).....	...do.....	(D)	(D)	18.2	(Z)
241108	Southern mixed hardwoods.....	...do.....	1,140.8	22.7	220.4	3.9
241119	Other hardwoods.....	...do.....	(S)	(S)	236.3	3.5
242013	Slabs, chips, cores, and other mill waste.....	...do.....	(S)	(S)	78.2	1.2
	Chemicals:					
147701	Sulfur.....	1,000 long tons..	160.4	6.5	149.6	4.0
281211	Chlorine.....	1,000 short tons..	302.3	18.1	229.4	15.2
281238	Sodium hydroxide (caustic soda)(100% NaOH).....	1,000 short tons..	131.1	21.8	348.0	17.4
281976	Sodium sulfate (including salt cake)(100% Na ₂ SO ₄).....	1,000 short tons..	156.5	4.7	207.5	4.6
281611	Titanium dioxide, composite and pure(100% TiO ₂).....	1,000 lbs.....	(S)	(S)	222	(Z)
281961	Aluminum sulfate(17% Al ₂ O ₃).....	1,000 short tons..	(S)	(S)	14.9	0.6
289119	Rosin sizing.....	Million lbs.....	(S)	(S)	6.0	0.9
327401	Lime.....	1,000 short tons..	274.2	4.5	127.6	2.2
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location.....	1,000 short tons (air dry basis)..	(S)	(S)	11.0	1.3
261102	Own woodpulp, produced at the same location.....	...do.....	334.9	(X)	149.9	(X)
	Wastepaper:					
941111	Mixed.....	1,000 short tons..	(S)	(S)	-	-
941112	News.....	...do.....	(S)	(S)	6.5	(Z)
941113	Corrugated.....	...do.....	(S)	(S)	(D)	(D)
941114	High grade pulp substitutes.....	...do.....	(S)	(S)	(D)	(D)
941115	High grade deinking.....	...do.....	-	-	27.5	1.5
	Other materials:					
209131	Cotton linters.....	Million lbs.....	219.9	13.4	116.9	4.6
941259	Other fibrous materials, including rags, straw, and bagasse....	1,000 short tons..	(S)	(S)	3.8	0.5
145501	Kaolin and ball clay.....	...do.....	(S)	(S)	15.1	0.6
204609	Starch.....	Million lbs.....	19.9	1.7	(S)	1.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	82.7	(X)	70.7
970000	All other materials, components, parts, containers, and supplies, n.s.k. ¹		(X)	4.1	(X)	16.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2621.--PAPERMILLS, EXCEPT BUILDING PAPER					
	Materials and supplies, total.....		(X)	2,245.5	(X)	1,750.0
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of 128 cu. ft.....	2,386.8	73.9	2,474.0	70.9
241102	Hemlock.....	...do.....	869.8	21.5	955.6	25.4
241103	Jack pine.....	...do.....	742.3	19.1	705.8	16.3
241104	Southern pine.....	...do.....	6,038.4	130.4	5,002.8	101.9
241105	Other softwoods (include Douglas fir).....	...do.....	685.7	15.2	1,092.7	22.4
242157	Chips.....	...do.....	4,671.6	96.4	2,669.1	48.2
242015	Slabs, cores, and other mill waste.....	...do.....	162.1	1.4	284.5	3.9
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods.....	...do.....	1,804.0	37.2	1,322.5	26.9
241107	Poplar (aspen and popple).....	...do.....	1,316.2	33.3	1,194.3	24.5
241108	Southern mixed hardwoods.....	...do.....	1,769.5	32.9	(NA)	(NA)
241119	Other hardwoods.....	...do.....	228.6	4.7	405.2	7.8
242013	Slabs, chips, cores, and other mill waste.....	...do.....	721.3	15.5	306.7	5.9
081111	Cost of stumpage cut (timber, excluding land) for use in this establishment.....		(X)	4.4	(X)	(NA)
	Chemicals:					
147701	Sulfur.....	1,000 long tons...	250.4	10.0	243.7	6.9
281211	Chlorine.....	1,000 short tons..	475.6	28.1	394.3	28.2
281238	Sodium hydroxide (caustic soda) (100% NaOH).....	...do.....	365.3	20.4	270.2	17.0
281228	Sodium carbonate (soda ash) (98-100% Na ₂ CO ₃).....	...do.....	217.2	8.3	187.2	6.9
281976	Sodium sulfate (including salt cake) (100% Na ₂ SO ₄).....	...do.....	601.8	17.5	431.2	13.4
281611	Titanium dioxide, composite and pure (100% TiO ₂).....	Million lbs.....	187.3	45.7	137.6	34.5
281961	Aluminum sulfate (17% Al ₂ O ₃).....	1,000 short tons..	314.0	14.2	242.3	10.1
289119	Rosin sizing.....	Million lbs.....	172.7	23.7	145.4	20.8
327401	Lime.....	1,000 short tons..	501.8	9.8	537.2	9.5
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulp-mill at this location.....	1,000 short tons (air dry basis)..	2,523.5	309.6	1,973.1	226.0
261102	Own woodpulp, produced at the same location.....	...do.....	13,308.2	(X)	10,323.8	(X)
261104	Purchased (market) woodpulp.....	...do.....	2,979.7	384.7	2,629.9	330.6
	Wastepaper:					
941111	Mixed.....	1,000 short tons..	540.8	33.0	386.7	22.3
941112	News.....	...do.....	(S)	(S)	(S)	(S)
941113	Corrugated.....	...do.....	102.2	3.6	79.4	2.6
941114	High grade pulp substitutes.....	...do.....	193.8	14.6	222.8	16.7
941115	High grade deinking.....	...do.....	353.9	16.4	401.6	19.7
	Other materials:					
209131	Cotton linters.....	Million lbs.....	37.5	6.0	32.4	3.8
261122	Linter pulp.....	1,000 short tons..	27.2	8.8	24.8	6.2
941259	Other fibrous materials, including rags, straw and bagasse....	...do.....	150.5	30.6	183.2	27.3
145501	Kaolin and ball clay.....	...do.....	1,451.2	56.6	1,126.5	37.7
204609	Starch.....	Million lbs.....	990.0	70.2	661.4	49.8
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	587.3	(X)	449.6
970000	All other materials, components, parts, containers, and supplies, n.s.k. ¹		(X)	57.5	(X)	54.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2631.--PAPERBOARD MILLS					
	Materials, parts and supplies, total.....		(X)	1,217.6	(X)	988.4
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of				
		128 cu. ft.....	(D)	(D)	63.2	1.2
241102	Hemlock.....	...do.....	(D)	(D)	63.2	1.4
241103	Jack pine.....	...do.....	(D)	(D)	20.8	(S)
241104	Southern pine.....	...do.....	11,389.1	260.1	10,154.8	205.8
241105	Other softwoods (including Douglas fir).....	...do.....	(D)	(D)	292.5	3.5
242157	Chips.....	...do.....	6,211.6	115.0	3,916.4	56.0
242015	Slabs, cores, and other mill waste.....	...do.....	276.9	5.2	122.3	1.9
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods.....	...do.....	359.5	6.1	215.4	3.3
241107	Poplar (aspen and popple).....	...do.....	298.4	5.4	438.5	4.8
241108	Southern mixed hardwoods.....	...do.....	3,257.2	59.0	457.0	7.2
241119	Other hardwoods.....	...do.....	252.0	4.7	451.7	6.6
242013	Slabs, chips, cores, and other mill waste.....	...do.....	738.8	13.9	393.3	5.5
081111	Cost of stumpage cut (timber, excluding land).....		(X)	(D)	(X)	(NA)
	Chemicals:					
147701	Sulfur.....	1,000 long tons..	(NA)	2.2	70.8	2.4
281211	Chlorine.....	1,000 short tons.	203.5	11.8	144.4	10.0
281238	Sodium hydroxide (caustic soda).....	1,000 short tons				
		(100% NaOH).....	303.7	16.1	117.4	6.8
281228	Sodium carbonate (soda ash).....	1,000 short tons				
		(98-100% Na ₂ CO ₃)	163.1	6.2	172.9	6.7
281976	Sodium sulfate (including salt cake).....	1,000 short tons				
		(100% Na ₂ SO ₄)...	722.0	21.5	552.5	17.0
281611	Titanium dioxide, composite and pure.....	Million lbs.				
		(100% TiO ₂).....	16.6	4.5	16.0	4.1
281961	Aluminum sulfate.....	1,000 short tons				
		(17% Al ₂ O ₃).....	212.6	9.0	225.3	8.7
289119	Rosin sizing.....	Million lbs.....	132.9	15.8	219.6	22.5
327401	Lime.....	1,000 short tons.	280.1	5.1	199.8	3.5
	Wood pulp:					
261102	Produced at affiliated or associated mills except your pulp mill at this location.....	1,000 short tons				
		(air dry basis).....	505.0	40.3	300.8	23.3
261102	Own wood pulp, produced at the same location.....	...do.....	11,701.1	(X)	11,307.6	(X)
261104	Purchased (market) wood pulp.....	...do.....	273.4	28.6	419.8	44.6
	Waste paper:					
941111	Mixed.....	1,000 short tons.	1,904.2	36.9	2,437.5	46.9
941112	News.....	...do.....	1,559.4	36.2	1,732.7	38.6
941113	Corrugated.....	...do.....	2,785.0	74.9	2,503.3	66.0
941114	High grade pulp substitutes.....	...do.....	720.8	39.1	774.6	51.5
941115	High grade deinking.....	...do.....	128.0	4.9	96.5	4.4
	Other materials:					
209131	Cotton linters.....	Million lbs.....	(D)	(D)	(D)	(D)
941259	Other fibrous materials, including rags straw and bagasse.....	1,000 short tons.	65.8	2.6	77.8	2.5
145501	Kaolin and ball clay.....	...do.....	115.4	4.6	103.2	4.1
204609	Starch.....	Million lbs.....	245.1	20.1	205.4	16.5
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	291.6	(X)	262.9
970000	All other materials, components, parts, containers and supplies, n.s.k. ¹		(X)	57.0	(X)	48.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS					
	Materials and supplies, total.....		(X)	121.3	(X)	101.5
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir.....	1,000 cords of 128 cu. ft.....	(S)	(S)	8.5	(S)
241102	Hemlock.....	...do.....	(S)	(S)	-	-
241103	Jack pine.....	...do.....	(S)	(S)	53.0	0.9
241104	Southern pine.....	...do.....	297.8	5.9	318.3	5.6
241105	Other softwoods (including Douglas fir).....	...do.....	(S)	(S)	70.4	1.0
242157	Chips.....	...do.....	197.3	3.5	207.5	3.1
242015	Slabs, cores, and other mill waste.....	...do.....	(S)	(S)	(D)	(D)
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods.....	...do.....	(S)	(S)	(D)	(D)
241107	Poplar (aspen and popple).....	...do.....	(S)	(S)	(D)	(D)
241108	Southern mixed hardwoods.....	...do.....	(S)	(S)	-	-
241119	Other hardwoods.....	...do.....	(S)	(S)	78.8	1.2
242013	Slabs, chips, cores, and other mill waste.....	...do.....	(S)	(S)	28.0	(S)
	Chemicals:					
281238	Sodium hydroxide (caustic soda).....	1,000 short tons (100% NaOH).....	(S)	(S)	(D)	(D)
281228	Sodium carbonate (soda ash).....	1,000 short tons (98-100% Na ₂ CO ₃)	(S)	(S)	(D)	(D)
281976	Sodium sulfate (including salt cake).....	1,000 short tons (100% Na ₂ SO ₄)...	(S)	(S)	-	-
281611	Titanium dioxide, composite and pure.....	Million lbs. (100% TiO ₂).....	(S)	(S)	1.8	0.6
281961	Aluminum sulfate.....	1,000 short tons (17% Al ₂ O ₃).....	(S)	(S)	10.9	(S)
289119	Rosin sizing.....	Million lbs.....	(S)	(S)	8.7	(S)
327401	Lime.....	1,000 short tons.	(S)	(S)	(D)	(D)
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location.....	1,000 short tons (air dry basis).....	(S)	(S)	14.7	0.5
261102	Own woodpulp, produced at the same location.....	...do.....	920.1	(X)	1,130.5	(X)
261104	Purchased (market) woodpulp.....	...do.....	(S)	3.2	31.7	3.1
	Waste paper:					
941111	Mixed.....	1,000 short tons.	438.6	6.9	524.2	7.8
941112	News.....	...do.....	178.3	3.7	114.9	1.4
941113	Corrugated.....	...do.....	111.3	2.6	99.8	2.2
941114	High grade pulp substitutes.....	...do.....	(S)	(S)	(D)	(D)
941115	High grade deinking.....	...do.....	(S)	(S)	-	-
	Other materials:					
209131	Cotton linters.....	Million lbs.....	(S)	(S)	(D)	(D)
261122	Linters pulp.....	1,000 short tons.	(S)	(S)	(D)	(D)
941259	Other fibrous materials, including rags, straw and bagasse.....	...do.....	343.0	6.6	338.5	6.8
149901	Asbestos.....	...do.....	99.8	10.0	90.1	9.6
145501	Kaolin and ball clay.....	...do.....	(S)	(S)	11.7	(S)
204609	Starch.....	Million lbs.....	57.2	3.0	48.7	2.5
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	70.6	(X)	40.5
970000	All other materials, components, parts, containers, and supplies, n.s.k. ¹		(X)	5.1	(X)	9.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. (Z) Under \$50 thousand.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2641.--PAPER COATING AND GLAZING					
	Materials, parts, and supplies, total.....	.....	(X)	789.7	(X)	677.4
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	469.8	123.9	544.0	142.0
262106	Purchased (market) paper.....	...do.....	638.4	181.2	548.5	148.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	96.6	18.9	54.0	8.0
263103	Purchased (market) paperboard.....	...do.....	^e 106.8	19.6	371.1	73.9
289111	Glues and adhesives.....	Million lbs.....	^e 256.9	42.0	178.1	21.5
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for celluloseics, polyethylenes, polypropylenes, styrenes, etc. Including granules, pellets, powder, liquid, etc., but exclude sheets, rods tubes, and other shapes).....	...do.....	173.7	42.4	142.3	26.5
289301	Printing ink (complete formulations).....	...do.....	25.6	14.6	18.9	10.4
291106	Petroleum wax.....	...do.....	143.5	12.4	171.4	15.3
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	^e 23.8	16.3	26.2	13.5
307916	Unsupported plastics film, sheets and sheeting, except cellulosic.....	...do.....	^e 110.0	43.9	(NA)	21.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	189.3	(X)	202.0
972000	Materials not specified ¹.....	.....	(X)	85.2	(X)	-
	INDUSTRY 2642.--ENVELOPES					
	Materials, parts, and supplies, total.....	.....	(X)	200.4	(X)	154.8
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills.....	1,000 short tons.	61.4	16.3	35.5	9.3
262106	Purchased (market) paper.....	...do.....	496.3	130.8	¹ 420.0	¹ 104.4
	Paperboard:					
263103	Purchased (market) paperboard.....	...do.....	² 19.8	² 3.2	(X)	(X)
289111	Glues and adhesives.....	Million lbs.....	37.9	8.2	29.9	5.8
307911	Unsupported plastic film and sheeting excluding packaging material.....	...do.....	6.8	3.5	9.9	5.7
972000	Materials not specified ¹.....	.....	(X)	8.7	(X)	(X)
970099	All other materials and component parts, containers, and supplies .....	.....	(X)	29.3	(X)	29.6
	INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS					
	Materials, parts, and supplies, total.....	.....	(X)	767.2	(X)	635.8
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	1,540.7	199.7	1,235.8	181.1
262106	Purchased (market) paper.....	...do.....	1,189.9	203.9	1,210.3	211.9
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	13.4	1.4	14.7	1.6
263103	Purchased (market) paperboard.....	...do.....	44.0	6.8	11.5	1.7
289111	Glues and adhesives.....	Million lbs.....	^e 110.0	12.6	95.6	11.1
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for celluloseics, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., but excludes sheets, rods, tubes, and other shapes).....	...do.....	299.0	48.2	186.1	34.6
289301	Printing ink (complete formulations).....	...do.....	36.5	23.4	25.7	16.9
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	^e 66.2	35.9	51.3	25.8
307916	Unsupported plastics film, sheets and sheeting, except cellulosic.....	...do.....	249.6	70.7	195.4	38.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	100.9	(X)	112.4
972000	Materials not specified ¹.....	.....	(X)	63.7	(X)	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2644. - WALLPAPER					
	Materials, parts, and supplies, total.....		(X)	19.4	(X)	13.7
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	18.0	5.3	7.0	2.1
262106	Purchased (market) paper.....	...do.....			30.5	6.1
263103	Paperboard; purchased (market) paperboard.....		(D)	(D)	(D)	(D)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	³ 6.9	(X)	³ 5.5
972000	Materials not specified ¹		(X)	7.2	(X)	(X)
	INDUSTRY 2645.--DIE-CUT PAPER AND BOARD					
	Materials, parts, and supplies, total.....		(X)	306.0	(X)	187.0
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills.....	1,000 short tons.	41.0	9.9	37.7	7.0
262106	Purchased (market) paper.....	...do.....	348.0	77.6	288.1	66.9
	Paperboard:					
263102	Own paperboard, produced at this location or at affiliated or associated mills.....	...do.....	404.1	60.9	(S)	(S)
263103	Purchased (market) paperboard.....	...do.....	378.8	70.9	311.0	61.1
289111	Glues and adhesives.....	Million lbs.....	13.3	2.6	(NA)	(NA)
307911	Unsupported plastic film and sheeting, excluding packaging material.....	...do.....	5.5	2.4	(NA)	(NA)
261101	Woodpulp (used in making pressed and molded pulp products).....	1,000 short tons.	5.7	1.2	3.9	0.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	48.9	(X)	43.7
972000	Materials not specified ¹		(X)	31.6	(X)	(X)
	INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS					
	Materials, parts, and supplies, total.....		(X)	40.1	(X)	34.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons.	-	-	-	-
262106	Purchased (market) paper.....	...do.....	(NA)	(NA)	0.7	(S)
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	(NA)	(NA)	4.6	0.5
263103	Purchased (market) paperboard.....	...do.....	(NA)	(NA)	7.0	1.3
261101	Woodpulp (used in making pressed and molded pulp products).....	...do.....	194.5	12.6	137.5	8.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	22.8	(X)	23.2
972000	Materials not specified ¹		(X)	4.7	(X)	(X)
	INDUSTRY 2647.--SANITARY PAPER PRODUCTS					
	Materials, parts, and supplies, total.....		(X)	728.7	(X)	600.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 s. tons....	2,423.2	476.8	2,168.1	424.0
262106	Purchased (market) paper.....	...do.....	211.9	53.5	120.6	29.6
263103	Purchased (market) paperboard.....	...do.....	27.3	5.9	49.4	9.9
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	...do.....	5.7	3.7	(NA)	(NA)
307916	Unsupported plastics film, sheets and sheeting, except cellulosic	...do.....	6.5	3.2	5.1	3.1
972000	Materials not specified ¹		(X)	29.4	(X)	(X)
970099	All other materials, and components, parts, containers, and supplies consumed		(X)	156.2	(X)	133.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.					
	Materials and supplies, total.....	.....	(X)	315.7	(X)	253.3
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1000 short tons.	89.5	16.6	34.1	9.9
262106	Purchased (market) paper.....	...do.....	602.4	148.6	486.8	117.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	68.7	7.3	60.8	7.6
263103	Purchased (market) paperboard.....	...do.....	113.5	18.9	78.1	13.2
289111	Glues and adhesives.....	Million lbs.....	25.2	4.7	13.1	2.4
289301	Printing ink (complete formulations).....	...do.....	7.7	5.3	6.7	4.5
282103	Cellulosic plastics, sheet, and rolls, and cellophane.....	...do.....	6.7	2.4	5.2	2.0
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	94.9	(X)	96.7
972000	Materials not specified ¹.....	.....	(X)	17.0	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Includes an insignificant amount of "Own paperboard" in order to avoid disclosing figures for individual companies.

³Contains an insignificant amount of "purchased (market) paperboard" combined here to avoid disclosing figures of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2655.--FIBER CANS, DRUMS, AND RELATED MATERIAL					
	Materials, and supplies, total.....	.....	(X)	195.0	(X)	128.9
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	1,000 short tons	59.6	7.7	10.0	1.2
262106	Purchased (market) paper.....	...do.....	70.5	11.9	43.5	7.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	302.3	26.1	230.6	19.8
263103	Purchased (market) paperboard.....	...do.....	231.5	27.1	246.8	28.9
335231	Aluminum foil.....	Million lbs.....	(NA)	5.4	13.2	6.5
335203	Aluminum sheet and plate.....	...do.....	16.9	6.5	12.4	5.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	103.1	(X)	59.5
976000	Materials and supplies, n.s.k. ¹.....	.....	(X)	7.1	-	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 2711.--NEWSPAPERS						
	Materials and supplies, total.....		(X)	1,438.2	(X)	1,162.2
262111	Newsprint.....	1,000 Short tons.	7,870.4	1,094.7	6,616.3	889.3
262131	Coated papers.....	...do.....	44.8	8.9	90.1	22.8
262101	All other paper.....	...do.....	61.1	17.0		
289301	Printing inks, complete formulations.....	million lbs.....	341.7	25.6	257.1	19.9
976000	Materials, containers, supplies, n.s.k. ¹		(X)	142.9	(X)	103.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	149.1	(X)	127.0
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	million lbs.....	76.7	(X)	63.1	(X)
INDUSTRY 2721.--PERIODICALS						
	Materials and supplies, total.....		1,488.0	510.3	1,230.5	358.9
262111	Newsprint.....	1,000 short tons.	185.8	29.0	159.9	23.3
262131	Coated paper, all types.....	...do.....	1,161.5	286.5	882.8	190.8
262102	Uncoated papers.....	...do.....	145.4	33.1	138.6	31.0
262150	Bristol, cover, text, and other specialty papers uncoated.....	...do.....	(NA)	5.4	22.3	5.7
Printing inks:						
289303	Letterpress, including news.....	Million lbs.....	(S)	18.2	25.1	13.1
289304	Lithographic.....	...do.....				
289309	Other, including gravure, flexographic, and screen process.....	...do.....				
976000	Materials, containers, supplies, n.s.k. ¹		(X)	59.4	(X)	39.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....		(X)	78.7	(X)	55.2
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	Million lbs.....	5.2	(X)	1.8	(X)
INDUSTRY 2731.--BOOK PUBLISHING						
	Materials and supplies, total.....		(X)	252.4	(X)	196.8
262111	Newsprint.....	1,000 short tons..	41.6	7.6	28.8	5.6
262131	Coated paper, all types.....	...do.....	167.6	57.8	158.9	45.0
262102	Uncoated papers.....	...do.....	213.8	72.6	217.4	62.5
262150	Bristol, cover, text, and other specialty papers uncoated.....	...do.....	39.6	14.2	28.4	10.2
289301	Printing inks.....	Million lbs.....	3.5	3.5	1.7	2.7
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	2.9	(X)	(X)
976000	Materials, containers, supplies, n.s.k. ¹		(X)	49.4	(X)	21.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....		(X)	44.4	(X)	49.2
INDUSTRY 2732.--BOOK PRINTING						
	Materials, containers, and supplies, total.....		(X)	224.4	(X)	155.6
262112	Newsprint.....		(X)	5.4	(X)	4.4
262131	Coated papers.....		(X)	24.2	173.9	61.4
262101	All other paper.....		(X)	62.9		
263105	Paperboard (exclude that used for shipping).....		(X)	6.9	(X)	5.4
Printing inks:						
289303	Letterpress, including news.....	million lbs.....	(S)	4.6	8.8	8.4
289304	Lithographic.....	...do.....	5.6	6.5		
289309	Other, including gravure, flexographic and screen process.....	...do.....	(S)	0.4		
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	4.9	(NA)	(NA)
386101	Light sensitive films and papers.....		(X)	6.0	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed; including metal type etc.....		(X)	76.9	(X)	53.6
976000	Materials, containers, supplies, n.s.k. ¹		(X)	25.8	(X)	22.5

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2741.--MISCELLANEOUS PUBLISHING					
	Materials, containers, and supplies, total.....		(X)	79.5	(X)	53.6
262111	Newsprint.....	1,000 short tons.	^e 37.9	5.4	25.3	3.7
262131	Coated paper, all types.....	...do.....	^e 17.5	6.7	12.6	4.1
262102	Uncoated paper (groundwood, book, bond, writing, ledger, and manifold).....	...do.....	20.7	8.0	21.2	7.7
262150	Bristol, cover, text, and other specialty paper uncoated.....	...do.....	^e 6.6	2.4	3.1	1.2
976000	Materials, containers, supplies, n.s.k. ¹		(X)	27.2	(X)	23.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	29.8	(X)	13.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or in the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2751.--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC					
	Materials, parts, and supplies, total.....		(X)	1,102.5	(X)	912.4
262112	Newsprint.....		(X)	76.6	(X)	68.0
262131	Coated papers.....		(X)	144.6	(X)	354.9
262101	All other paper.....		(X)	211.5		
263105	Paperboard (excluding that used for shipping).....		(X)	11.4	(X)	14.9
	Printing inks:					
289303	Letterpress, including news.....	Million lbs.....	91.4	46.1	160.1	64.9
289304	Lithographic.....	...do.....	4.2	6.6		
289309	Other including gravure, flexographic, and screen process.....	...do.....	136.5	31.5		
386151	Unexposed lithographic plates and metal for lithographic plates..	...do.....	(X)	4.9	(X)	(NA)
386101	Light sensitive films and papers.....		(X)	6.6	(X)	(NA)
386181	Photographic developers and chemicals used in plate preparation..		(X)	2.9	(X)	(NA)
976000	Materials, n.s.k. ¹		(X)	278.1	(X)	235.5
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	281.7	(X)	174.2
	INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC					
	Materials, parts, and supplies, total.....		(X)	1,009.8	(X)	673.7
262112	Newsprint.....		(NA)	37.0	(NA)	14.7
262131	Coated papers.....		(NA)	191.9	(NA)	(NA)
262101	All other paper.....		(NA)	269.3	(NA)	350.9
263105	Paperboard (excluding that used for shipping).....		(NA)	10.2	(NA)	8.2
	Printing inks:					
289303	Letterpress, including news.....	Million lbs.....	(S)	16.9	22.5	31.5
289304	Lithographic.....	...do.....	22.7	36.2		
289309	Other, including gravure, flexographic, and screen process.....	...do.....	(S)	2.0		
386151	Unexposed lithographic plates and metal for lithographic plates..		(X)	30.1	(NA)	(NA)
386101	Light sensitive films and papers.....		(X)	18.9	(NA)	(NA)
386181	Photographic developers and chemicals used in plate preparation..		(X)	9.5	(NA)	(NA)
395500	One-time carbon paper; purchased or withdrawn from previous year's inventory by the printer.....	...do.....	5.4	3.7	3.6	2.7
262163	Carbonless paper.....	...do.....	5.8	3.8	(NA)	(NA)
395500	One-time carbon paper, produced and consumed in this industry..	...do.....	2.4	(X)	(S)	(X)
976000	Materials, n.s.k. ¹		(NA)	186.1	(NA)	119.9
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	194.2	(X)	145.8
			1967		1963	
	Material		Quantity (million pounds)	Delivered cost (million dollars)	Quantity (million pounds)	Delivered cost (million dollars)
	INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING					
	Materials, parts, and supplies, total.....		(X)	32.3	(X)	25.4
262101	Paper, all types.....		(X)	10.9	(NA)	9.6
263105	Paperboard (excluding that used for shipping).....		(X)	(S)	(NA)	(S)
	Printing inks.....		(S)	(S)	0.6	0.5
976000	Materials, n.s.k. ¹		(X)	11.3	(X)	10.0
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	10.1	(X)	5.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2761.--MANIFOLD BUSINESS FORMS					
	Materials, containers, and supplies, total.....		(X)	348.9	(X)	232.9
262112	Newsprint.....		(NA)	5.2	(NA)	4.1
262131	Coated papers.....		(NA)	16.8	(NA)	(NA)
262101	All other paper.....		(NA)	184.5	(NA)	140.7
263105	Paperboard.....		(NA)	1.0	(NA)	2.0
289301	Printing inks.....		(S)	4.4	4.1	3.5
262164	Carbonizing tissue stock for conversion by the printer into one-time carbon paper.....	1,000 short tons.	74.4	31.0	46.4	21.1
395500	One-time carbon paper, purchased or withdrawn from previous year's inventory by the printer.....	...do.....	62.0	35.9	36.6	23.0
262163	Carbonless paper.....	...do.....	21.7	14.3	(NA)	(NA)
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:					
395500	One-time carbon paper, produced and consumed in this industry..	...do.....	66.7	(X)	41.6	(X)
289301	Printing inks, complete formulations.....	Million lbs.....	(S)	(X)	1.3	(X)
976000	Materials, n.s.k. ¹		(X)	8.5	(X)	10.2
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	47.1	(X)	30.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix. Explanation of Terms)

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Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2782.-BLANKBOOKS AND LOOSELEAF BINDERS		
	Materials, parts, and supplies, total.....	127.0	87.6
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwood, ledger, writing, file folder, and tag stock.....	35.7	33.4
263105	Paperboard, excluding that used for shipping.....	16.1	7.5
229507	Coated or impregnated woven and nonwoven fabric, except rubberized.....	6.7	8.5
307918	Plastic film or sheeting.....	8.4	33.1
331094	Steel, strip, and wire.....	9.9	
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals, type, etc.....	36.4	
972000	Materials not specified.....	13.8	5.1
	INDUSTRY 2789-BOOKBINDING AND RELATED WORK		
	Materials, parts, and supplies, total.....	66.5	46.4
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwoods, ledger, writing, file folder, and tag stock.....	10.2	6.0
263105	Paperboard excluding that used for shipping.....	6.5	3.6
229507	Coated or impregnated woven and nonwoven fabric, except rubberized.....	7.1	5.9
976000	Materials not specified.....	18.1	14.5
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals type, etc.....	24.6	16.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^e From 10 to 30 percent of this figure was estimated. (Z) Under \$50 thousand.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2812.—ALKALIES AND CHLORINE										
	Materials, containers, and supplies, total.....			(X)	(X)	185.1	(X)	(X)	(X)	159.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	99.3	(NA)	(NA)	(NA)	44.6	2.6	0.2	42.0
281931	Sulfuric acid.....	100% H ₂ SO ₄	...do.....	(NA)	(NA)	(NA)	-	36.1	36.1	0.8	-
281912	Ammonia, synthetic, anhydrous...	100% NH ₃..	...do.....	24.7	(D)	(D)	(D)	21.4	19.1	1.9	2.3
281211	Chlorine.....	100% Cl...	...do.....	493.8	(D)	(D)	(D)	624.4	(D)	(D)	(D)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O..	...do.....	364.3	(NA)	(NA)	(NA)	599.0	30.5	1.0	568.5
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	349.7	(D)	(D)	(D)	159.8	(D)	(D)	(D)
281552	Organic chemicals:										
	Benzol (benzene).....	100% C ₆ H ₆ .	Million lbs.	52.5	52.5	2.3	-	65.2	65.2	2.9	-
331210	Used as raw materials:										
	Coke, including breeze.....		1,000 short tons.....	318.0	318.0	6.3	-	243.3	243.3	4.2	-
131302	Natural gas.....		Mil. cu. ft.	5,888	5,888	1.4	-	7,392	7,392	1.1	-
970099	All other materials and com-										
	ponents, containers, and supplies			(X)	(X)	167.2	(X)	(X)	(X)	145.8	(X)
976000	Materials, containers, supplies,										
	n.s.k. ¹			(X)	(X)	7.9	(X)	(X)	(X)	¹ 1.2	(X)
	INDUSTRY 2815.—CYCLIC INTERME-										
	DIATES AND CRUDES										
	Materials, containers, and										
	supplies, total.....			(X)	(X)	751.3	(X)	(X)	(X)	544.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	79.5	57.6	3.8	21.9
281911	Nitric acid.....	100% HNO ₃.	...do.....	288.7	65.7	4.2	223.0	271.3	46.0	3.1	225.4
281931	Sulfuric acid.....	100% H ₂ SO ₄	...do.....	477.1	193.6	6.8	283.5	602.4	266.8	6.0	335.7
281912	Ammonia synthetic anhydrous.....	100% NH ₃..	...do.....	130.8	60.8	3.5	70.0	126.7	56.0	3.9	70.7
281211	Chlorine.....	100% Cl...	...do.....	324.1	210.8	10.9	113.4	242.3	(D)	(D)	(D)
281228	Sodium carbonate (ash soda).....	58% Na ₂ O..	...do.....	(NA)	(NA)	(NA)	(NA)	43.9	43.9	1.8	-
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	248.3	158.9	8.9	89.4	266.5	182.9	10.7	83.6
281852	Organic chemicals:										
	Alcohol, ethyl (pure and			(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.6	-
	denatured).....										
281820	Other alcohols, including amyl,										
	butyl, methyl and propyl.....		Million gals.	86.0	86.0	10.4	-	(NA)	(NA)	11.0	(NA)
281511	Aniline.....	100%.....	Million lbs.	54.2	54.2	6.5	-	22.5	22.5	3.4	-
281552	Benzol (benzene).....	100% C ₆ H ₆.	...do.....	1,584.5	1,576.3	48.8	8.3	1,200.4	1,163.1	38.0	37.4
281823	Formaldehyde.....	37% HCHO..	...do.....	(NA)	(NA)	(NA)	(NA)	13.5	13.5	0.5	-
	Liquefied petroleum and refinery										
	gases for chemical feedstocks:										
291165	Ethylene.....		...do.....	(D)	(D)	(D)	(D)	647.3	550.2	22.8	97.1
291166	Propylene.....		...do.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.7	-
291169	Other.....		...do.....	(NA)	(NA)	19.4	(NA)	(NA)	(NA)	11.0	(NA)
281555	Naphthalene grades of 77.5°C or										
	higher.....		Million lbs.	245.3	(D)	(D)	(D)	134.1	68.9	4.3	65.2
281512	Nitrobenzene.....	100%.....	...do.....	213.4	8.9	0.7	204.6	212.2	4.7	0.4	207.5
281513	Phenol.....	100%.....	...do.....	71.6	20.4	2.0	51.2	48.4	15.9	1.9	32.5
281514	Phthalic anhydride.....	100%.....	...do.....	51.3	18.9	2.3	32.4	30.4	16.0	1.7	14.4
281553	Tar, crude.....		1,000 short tons.....	1,236.0	1,236.0	28.4	-	1,315.1	1,315.1	29.9	-
	Crude materials:										
147701	Sulfur.....		1,000 Long tons.....	180.0	180.0	6.5	-	196.5	196.5	4.5	-
333348	Zinc and zinc-base alloy re-										
	finery shapes.....		1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	1.7	1.7	0.6	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
291101	Used as raw materials: Fuel oil.....	.....	1,000 bbls. (42 gal.).	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	-
131302	Natural gas.....	.....	Mil. cu. ft.	(NA)	(NA)	7.4	(NA)	(NA)	(NA)	7.4	-
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	(X)	501.4	(X)	(X)	(X)	358.1	(X)
976000	Materials, containers, and supplies, n.s.k. ¹.....	.....	.....	(X)	(X)	83.2	(X)	(X)	(X)	18.0	(X)
INDUSTRY 2818.—INDUSTRIAL ORGANIC CHEMICALS, N.E.C.											
Materials, containers, and supplies, total.....											
				(X)	(X)	2,398.1	(X)	(X)	(X)	1,764.9	(X)
Inorganic chemicals:											
Acids, except spent acids:											
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(S)	(S)	13.8	(S)	438.7	149.2	6.7	289.5
281946	Hydrofluoric acid.....	100% HF...	...do.....	92.4	60.3	16.5	32.1	60.2	33.5	8.8	26.7
281911	Nitric acid.....	100% HNO ₃..	...do.....	(S)	(S)	14.1	(S)	447.6	91.0	7.0	356.7
281948	Phosphoric acid.....	100% P ₂ O ₅..	...do.....	(NA)	(NA)	(Z)	(NA)	5.2	5.2	0.8	-
281931	Sulfuric acid.....	100% H ₂ SO ₄..	...do.....	1,702.0	1,112.6	24.1	589.5	1,502.4	948.9	19.4	553.5
281912	Ammonia, synthetic, anhydrous...	100% NH ₃..	...do.....	1,203.7	510.2	23.8	693.5	755.6	379.2	25.8	376.3
281211	Chlorine.....	100% Cl...	...do.....	4,594.6	1,505.4	71.9	3,089.2	2,940.8	1,115.2	64.9	1,825.6
281996	Phosphorus, elemental.....	Technical.	...do.....	17.3	10.5	3.2	6.8	3.1	3.1	1.0	-
281228	Sodium carbonate (soda ash).....	58% Na ₂ O..	...do.....	56.5	48.0	2.0	8.5	43.8	40.4	1.7	3.4
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	(S)	613.7	27.8	(S)	1,345.0	463.8	22.0	881.1
Organic chemicals:											
281852	Alcohol, ethyl (pure and denatured).....	.....	.....	(X)	(X)	41.4	(X)	(NA)	(NA)	37.8	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....	.....	Million gals.	(NA)	(NA)	88.2	(NA)	431.5	176.3	55.9	255.2
281511	Aniline.....	100%.....	Million lbs.	79.5	79.5	9.5	-	56.8	56.8	8.1	-
281552	Benzol (benzene).....	100% C ₆ H ₆	...do.....	1,225.7	(D)	(²)	(D)	1,209.1	1,024.3	34.3	184.8
281823	Formaldehyde.....	37% HCHO..	...do.....	1,238.8	102.2	3.0	1,136.7	1,052.2	111.4	3.2	940.8
Liquefied petroleum and refinery gases for chemical feedstocks:											
291165	Ethylene.....	.....	...do.....	7,208.8	2,547.5	97.9	4,661.3	4,512.3	1,075.3	51.7	3,437.0
291164	Propane.....	.....	...do.....	320.2	320.2	35.2	-	(NA)	(NA)	26.4	(NA)
291166	Propylene.....	.....	Million lbs.	2,604.4	1,841.3	41.0	763.2	1,554.1	1,276.2	26.0	277.9
291169	Other, including mixtures.....	.....	...do.....	(NA)	(NA)	103.3	(NA)	(NA)	(NA)	51.6	(NA)
281555	Naphthalene.....	.....	...do.....	397.2	397.2	17.6	-	296.9	294.5	13.9	2.4
281513	Phenol.....	100%.....	...do.....	487.7	344.2	30.7	143.5	225.4	140.1	22.0	85.3
281514	Phthalic anhydride.....	100%.....	...do.....	297.6	124.0	12.8	173.6	151.5	52.7	5.8	98.8
Crude materials:											
147701	Sulfur.....	.....	1,000 long tons.....	665.0	665.0	22.6	-	539.9	539.9	13.7	-
Used as raw materials:											
121011	Bituminous coal and lignite.....	.....	1,000 short tons.....	(NA)	(NA)	(NA)	-	(NA)	(NA)	7.8	-
291101	Fuel oil.....	.....	.....	(NA)	(NA)	(Z)	-	(NA)	(NA)	1.1	-
131302	Natural gas.....	.....	Mil. cu. ft.	(S)	(S)	62.0	-	(NA)	(NA)	43.6	-
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	(X)	² 1,434.8	(X)	(X)	(X)	1,072.5	(X)
976000	Materials, containers, and supplies, n.s.k. ¹.....	.....	.....	(X)	(X)	200.9	(X)	(X)	(X)	131.2	(X)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2819.—INDUSTRIAL INORGANIC CHEMICALS, N.E.C.										
	Materials, containers, and supplies, total.....			(X)	(X)	1,526.3	(X)	(X)	(X)	1,141.6	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl..	1,000 short tons.....	(S)	(S)	4.2	(D)	(NA)	(NA)	3.4	52.9
281946	Hydrofluoric acid.....	100% HF...	...do.....	(S)	(S)	3.3	(S)	(NA)	(NA)	2.7	22.4
281911	Nitric acid.....	100% HNO ₃..	...do.....	3,074.5	93.9	4.2	2,980.6	2,679.3	21.0	1.5	2,658.3
281948	Phosphoric acid.....	100% P ₂ O ₅..	...do.....	875.6	210.8	24.4	664.8	792.7	110.6	17.1	682.0
281931	Sulfuric acid.....	100% H ₂ SO ₄	...do.....	3,358.6	1,650.2	30.8	1,708.4	2,914.8	1,082.9	18.5	1,831.9
281912	Ammonia, synthetic, anhydrous...	100% NH ₃..	...do.....	3,160.3	696.4	33.1	2,463.9	2,586.2	266.3	17.3	2,319.9
281211	Chlorine.....	100% Cl...	...do.....	(S)	215.3	13.4	(S)	306.0	123.4	8.6	182.6
281996	Phosphorous, elemental.....	Technical.	...do.....	419.5	397.9	115.6	21.5	303.2	284.1	78.7	19.1
281228	Sodium carbonate (soda ash).....	58% Na ₂ O..	...do.....	1,599.0	(D)	(³)	(D)	1,310.4	1,310.4	46.9	-
281238	Sodium hydroxide (caustic soda)...	100% NaOH.	...do.....	733.5	686.6	29.1	46.9	481.6	424.3	20.6	57.3
	Organic chemicals:										
281852	Alcohol, ethyl (pure and de-natured).....		...do.....	(S)	(S)	1.9	-	(NA)	(NA)	1.1	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....		...do.....	(S)	(S)	5.5	-	(NA)	(NA)	2.0	-
281513	Phenol.....	100%.....	Million lbs.	63.3	63.3	5.5	-	(NA)	(NA)	5.6	-
	Crude materials:										
105101	Bauxite.....		1,000 short tons.....	15,771.3	15,771.3	229.8	-	12,584.5	12,584.5	176.4	-
147501	Phosphate rock.....		1,000 long tons.....	5,669.6	5,669.6	45.0	-	(NA)	(NA)	37.6	-
147901	Pyrites.....		...do.....	361.8	361.8	4.2	-	1,005.8	1,005.8	11.1	-
147701	Sulfur ⁴.....		...do.....	2,431.4	2,431.4	89.8	-	1,804.3	1,804.3	45.1	-
281932	Sulfuric acid sludge (decomposition acid).....		1,000 short tons.....	(S)	(S)	5.4	-	1,032.2	1,032.2	5.6	-
333348	Zinc and zinc-base alloy refinery shapes.....		...do.....	23.0	23.0	5.3	-	(NA)	(NA)	1.8	-
	Used as raw material:										
121011	Bituminous coal and lignite.....		...do.....	224.3	224.3	2.1	-	407.0	407.0	1.8	-
331210	Coke, including breeze.....		...do.....	993.4	993.4	19.6	-	782.4	782.4	14.4	-
131302	Natural gas....		Mil. cu. ft.	223,060	223,060	65.0	-	118,921	118,921	34.7	-
970099	All other materials and components, parts, containers, and supplies consumed.....		...do.....	(X)	(X)	³ 663.1	(X)	(X)	(X)	519.7	(X)
976000	Materials, containers and supplies, n.s.k. ¹.....		...do.....	(X)	(X)	126.0	(X)	(X)	(X)	69.4	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) Under \$50 thousand. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Code 281552 combined with code 970099 for 1967.

³Code 281228 combined with code 970099 for 1967.

⁴Excludes quantities of sulfur derived from other sources such as copper pyrites, hydrogen sulfide and smelter gas.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967			1963		
				Consumption of materials received from other establishments		Materials made and consumed in same plant	Consumption of materials received from other establishments		Materials made and consumed in same plant
				Quantity	Delivered cost (million dollars)		Quantity	Delivered cost (million dollars)	
	INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS								
	Materials, containers, and supplies, total.....			(X)	1,718.9	(X)	(X)	1,259.6	(X)
281829	Acetic anhydride.....		Million lbs.....	69.0	6.0	-	(NA)	(NA)	-
281825	Acrylates and methacrylates, monomers.....	100%.....	...do.....	437.8	74.5	(D)	222.1	44.3	(D)
281821	Acrylonitrile.....		...do.....	125.9	16.2	-	(NA)	(NA)	(NA)
281820	Alcohols, except ethyl.....		Million gals....	69.8	26.3	-	59.7	23.1	(X)
289501	Carbon black.....		Million lbs.....	24.9	4.0	-	7.8	1.2	-
281824	Cellulose acetate.....	100%.....	...do.....	120.3	27.3	-	(D)	-	-
261128	Cotton pulp.....	Air dry....	1,000 short tons	2.3	0.4	(X)	2.0	0.5	(X)
291171	Extender oils of petroleum origin.....		Million lbs.....	(S)	6.2	(X)	153.5	4.8	(X)
281823	Formaldehyde.....	37% HCHO...	...do.....	856.5	26.4	488.9	491.2	17.1	239.2
284141	Glycerin.....	100%.....	...do.....	66.0	15.1	-	73.6	13.1	-
281944	Hydrochloric acid.....	100% HCl...	1,000 short tons	10.4	0.8	-	14.0	0.7	8.4
	Liquefied refinery and petroleum gases:								
291167	Butadiene.....	100%.....	Million lbs.....	185.0	17.8	-	80.6	9.6	-
291165	Ethylene.....	100%.....	...do.....	2,049.9	80.6	(D)	858.6	38.6	(D)
291168	Other, (including isoprene, propylene isobutylene, etc.).....		...do.....	3,253.4	47.3	(D)	482.1	11.8	-
282515	Melamine.....	100%.....	...do.....	51.4	11.0	(D)	59.4	12.2	(D)
281513	Phenol.....	100%.....	...do.....	350.1	29.5	(D)	222.8	23.1	58.4
281514	Phthalic anhydride.....	100%.....	...do.....	165.4	18.9	(D)	100.5	11.1	3.2
281835	Plasticizers.....		...do.....	227.5	44.3	(D)	141.0	29.9	0.6
281839	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.).....			(X)	5.3	-	(X)	4.9	-
284101	Soap and detergents.....		Million lbs.....	27.3	4.0	-	14.3	2.9	-
281238	Sodium hydroxide (caustic soda).....	100% NaOH..	1,000 short tons	189.6	6.0	-	221.6	12.7	(D)
281516	Styrene.....	100%.....	Million lbs.....	1,554.6	111.5	(D)	724.9	69.0	(D)
281931	Sulfuric acid, except spent acid.....	100% H2SO4.	1,000 short tons	340.0	6.5	(D)	312.5	5.6	(D)
282130	Thermoplastic resins, including modified resins.....		Million lbs.....	662.1	80.9	517.5	450.4	71.2	350.2
282140	Thermosetting resins.....	Dry.....	...do.....	135.1	28.1	39.0	41.2	12.8	128.7
281826	Urea.....	100%.....	...do.....	205.7	8.7	-	124.0	5.7	(X)
281827	Vinyl acetate, monomer.....	100%.....	...do.....	276.2	29.5	(D)	168.1	21.2	(D)
281828	Vinyl chloride, monomer.....	100%.....	...do.....	1,465.9	88.6	(D)	742.1	54.7	142.7
261101	Woodpulp (excluding wood flour).....	Air dry....	1,000 short tons	271.0	35.0	(X)	224.7	38.0	(X)
260091	Paper and paperboard containers.....			(X)	33.9	(X)	(X)	33.6	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	771.3	(X)			
976000	Materials, containers, and supplies, n.s.k. ¹			(X)	57.0	(X)	(X)	686.2	(X)
	Material	Basis	Unit of measure	1967		1963			
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 2822.—SYNTHETIC RUBBER								
	Materials, containers, and supplies, total.....			(X)	483.4	(X)			402.9
281821	Acrylonitrile.....		Million lbs.....	20.2	2.7	(NA)			(NA)
289501	Carbon black.....		...do.....	388.7	28.5	299.7			22.2
291171	Extender oils of petroleum origin.....		...do.....	562.1	11.0	401.2			8.1
291167	Butadiene.....	100%.....	...do.....	1,825.2	172.1	1,588.1			172.0
281833	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.).....			(X)	25.3	(X)			25.8
284101	Soap and detergents.....		Million lbs.....	140.8	15.1	108.5			12.3
281238	Sodium hydroxide (caustic soda).....	100% NaOH..	1000 short tons..	51.9	1.6	(X)			1.2
281516	Styrene.....	100%.....	Million lbs.....	452.0	38.0	458.7			47.9
281931	Sulfuric acid, except spent acid.....	100% H2SO4	1000 short tons..	61.3	1.1	25.7			0.4
260091	Paper and paperboard containers.....			(X)	6.4	(X)			7.0
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	177.1	(X)			
971000	Materials, containers, supplies, n.s.k.....			(X)	4.5	(X)			106.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS						
	Materials, containers, and supplies, total..	.....	.....	(X)	348.9	(X)	295.3
281829	Acetic anhydride (net after recovery).....	100%.....	1,000 short tons	108.9	16.3	115.3	11.9
281238	Sodium hydroxide (caustic soda).....	100% NaOH....	...do.....	299.7	13.3	334.9	17.8
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄...	...do.....	518.6	10.3	548.3	10.6
261101	Woodpulp (excluding wood flour).....	Air dry.....	...do.....	697.2	132.2	707.4	119.5
260091	Paper and paperboard containers.....	.....	.....	(X)	10.3	(X)	7.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	148.7	(X)	127.7
976000	Materials, containers, supplies, n.s.k. ¹.....	.....	.....	(X)	17.8	-	-
	INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC						
	Materials, containers, and supplies, total..	.....	.....	(X)	717.9	(X)	463.1
261101	Wood pulp.....	Air dry.....	1,000 short tons.	24.5	4.1	(NA)	(NA)
281821	Acrylonitrile.....	100%.....	Million pounds...	394.3	49.2	(NA)	(NA)
281825	Acrylates and methacrylates, monomers.....	100%.....	Million pounds...	16.2	3.5	(NA)	(NA)
281872	Caprolactam.....	100%.....	...do.....	282.8	60.4	(NA)	(NA)
281873	Glycols.....	100%.....	Million pounds...	287.7	22.4	(NA)	(NA)
282131	Polypropylene resins.....	Dry basis....	...do.....	86.6	20.6	(NA)	(NA)
281238	Sodium hydroxide (caustic soda).....	100% NaOH....	1,000 short tons.	(²)	(²)	31.4	1.7
281931	Sulphuric acid, except spent acid.....	100% H ₂ SO ₄...	...do.....	39.1	0.7	47.3	0.9
260091	Paper and paperboard containers.....	.....	.....	(X)	22.1	(X)	9.8
970099	All other materials and components, parts, containers, and supplies.....	.....	.....	(X)	529.9	(X)	450.7
976000	Materials, containers, supplies, n.s.k. ¹.....	.....	.....	(X)	5.0	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included with material code 970099 "All other materials and components, parts, containers, and supplies", to avoid disclosing figures for individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2831.--BIOLOGICAL PRODUCTS		
	Materials, containers, and supplies, total.....	46.7	31.8
265011	Paperboard boxes containers.....	2.5	1.9
322102	Glass.....	3.0	3.2
970099	All other materials and components, parts, containers, and supplies consumed.....	32.2	24.3
976000	Materials, containers, and supplies. n.s.k. ¹	9.0	2.4
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS		
	Materials, containers, and supplies, total.....	902.8	670.9
283318	Antibiotics for human and veterinary use (excluding antibiotics for animal feed).....	45.5	26.6
283317	Sulfa drugs, bulk.....	27.3	12.0
283301	Vitamins, natural and synthetic, bulk (excluding vitamins for animal feeds).....	57.4	36.1
	Containers:		
265011	Paperboard boxes and containers.....	68.5	55.1
322102	Glass.....	86.1	73.0
340001	Metal.....	29.8	20.6
307940	Plastic.....	40.7	20.3
970099	All other materials and components, parts, containers, and supplies consumed.....	484.1	390.7
976000	Materials, containers, and supplies, n.s.k. ¹	63.4	36.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
				(quantity)			(quantity)	(quantity)			(quantity)
	INDUSTRY 2841.--SOAP AND OTHER DETERGENTS										
	Material, containers, and supplies, total.....			(X)	(X)	1,050.4	(X)	(X)	(X)	883.8	(X)
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	Million lbs.	(S)	748.3	93.6	(S)	882.4	765.5	93.7	116.9
284308	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt...	...do.....	(S)	153.6	22.2	(S)	117.5	116.6	12.9	0.9
284421	Perfume oil mixtures and blends.....			(X)	(X)	44.1	(X)	(X)	(X)	23.0	(X)
284141	Glycerin.....	100%.....	Million lbs.	(S)	85.2	16.5	(S)	88.2	68.3	9.5	19.9
209411	Grease and inedible tallow.....		...do.....	(X)	945.3	55.3	(X)	951.3	951.3	55.9	(X)
281971	Potassium pyrophosphate (TKPP).....	100% K ₄ P ₂ O ₇	1000 s tons.	(X)	(S)	4.0	(X)	(S)	(S)	6.0	(X)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O....	...do.....	(X)	194.4	7.6	(X)	145.5	145.5	4.9	(X)
281238	Sodium hydroxide (caustic soda).....	100% NaOH...	...do.....	(X)	273.0	18.6	(X)	260.9	260.9	20.0	(X)
281972	Sodium tripolyphosphate (STPP).....	100% Na ₅ P ₃ O ₁₀...	...do.....	(X)	860.1	112.7	(X)	696.2	696.2	96.9	(X)
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na ₄ P ₂ O ₇.....	...do.....	(X)	69.2	9.1	(X)	109.2	109.2	13.9	(X)
281974	Trisodium phosphate (TSP).....	100% Na ₃ PO ₄.....	...do.....	(X)	80.2	8.9	(X)	(S)	(S)	3.9	(X)
209011	Vegetable oil.....		Million lbs.	(S)	255.9	32.4	(S)	387.2	387.1	47.2	(S)
	Containers:										
265011	Paperboard.....			(X)	(X)	114.8	(X)	(X)	(X)	90.3	(X)
340001	Metal.....			(X)	(X)	27.1	(X)	(X)	(X)	18.9	(X)
322101	Glass.....			(X)	(X)	10.4	(X)	(X)	(X)	8.4	(X)
307940	Plastic.....			(X)	(X)	79.8	(X)	(X)	(X)	63.5	(X)
970099	All other materials and components, parts, containers and supplies consumed			(X)	(X)	356.3	(X)	(X)	(X)	275.6	(X)
976000	Materials, containers, supplies, n.s.k. ¹			(X)	(X)	37.0	(X)	(X)	(X)	¹ 39.4	(X)
	INDUSTRY 2842.--POLISHES AND SANITATION GOODS										
	Material, containers, and supplies, total.....			(X)	(X)	387.7	(X)	(X)	(X)	280.9	(X)
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	Million lbs.	(S)	49.0	7.9	(S)	30.0	29.6	5.1	0.3
284308	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt...	...do.....	(S)	14.7	3.3	(S)	13.7	11.9	3.7	1.8
284421	Perfume oil mixtures and blends.....			(X)	(X)	4.1	(X)	(X)	(X)	2.3	(X)
284141	Glycerin.....	100%.....	Million lbs.	(S)	1.2	0.3	(S)	(D)	1.3	0.3	(D)
209411	Grease and inedible tallow.....		...do.....	6.2	6.2	0.9	(X)	4.1	4.1	0.5	(X)
281971	Potassium pyrophosphate (TKPP).....	100% K ₄ P ₂ O ₇	1000 s tons.	(S)	(S)	1.2	(X)	0.5	0.5	0.1	(X)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O....	...do.....	(S)	(S)	0.7	(X)	6.5	6.5	0.3	(X)
281238	Sodium hydroxide (caustic soda).....	100% NaOH...	...do.....	(S)	(S)	1.7	(X)	10.6	10.6	1.1	(X)
281972	Sodium tripolyphosphate (STPP).....	100% Na ₅ P ₃ O ₁₀ ..	...do.....	10.1	10.1	1.7	(X)	6.6	6.6	0.8	(X)
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na ₄ P ₂ O ₇.....	...do.....	(S)	(S)	.5	(X)	0.2	0.2	0.1	(X)
281974	Trisodium phosphate (TSP).....	100% Na ₃ PO ₄.....	...do.....	(S)	(S)	0.3	(X)	2.6	2.6	0.3	(X)
209011	Vegetable oil.....		Million lbs.	(S)	10.5	1.6	(S)	4.6	4.6	0.7	(X)
	Containers:										
265011	Paperboard.....			(X)	(X)	14.7	(X)	(X)	(X)	9.1	(X)
340001	Metal.....			(X)	(X)	60.4	(X)	(X)	(X)	50.7	(X)
322101	Glass.....			(X)	(X)	11.7	(X)	(X)	(X)	9.7	(X)
307940	Plastic.....			(X)	(X)	22.6	(X)	(X)	(X)	4.9	(X)
970099	All other materials and components, parts, containers and supplies consumed			(X)	(X)	160.5	(X)	(X)	(X)	123.5	(X)
976000	Materials, containers, supplies, n.s.k. ¹			(X)	(X)	93.6	(X)	(X)	(X)	¹ 67.9	(X)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Product code	Product	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2844.--TOILET PREPARATIONS		
	Materials, containers, and supplies, total.....	699.4	504.7
	Containers:		
307940	Plastics.....	82.2	59.0
322102	Glass.....	80.7	72.2
260091	Paper and paperboard.....	81.6	55.4
340001	Metal.....	74.7	69.5
970099	All other materials and components, parts, containers, and supplies consumed.....	296.7	204.7
976000	Materials, containers, supplies, n.s.k. ¹	83.5	43.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS					
	Materials, containers, and supplies, total.....	.....	(X)	1,461.0	(X)	1,233.4
	Vegetable Oils:					
209311	Linseed oil (crude or processed).....	Million lbs.....	172.9	25.4	245.1	39.0
209016	All other vegetable oils.....	...do.....	159.9	24.1	177.5	28.2
	Pigments:					
281611	Titanium dioxide, composite and pure.....	...do.....	621.3	154.0	636.1	141.7
281622	Zinc oxide pigments (including leaded zinc oxide).....	...do.....	94.0	14.8	102.4	14.1
281601	Other inorganic pigments.....	.....	(X)	79.3	(X)	60.6
281531	Organic color pigments, lakes and toners.....	.....	(X)	27.8	(X)	23.0
281811	Drivers (napthenic acid salts, rosin acid salts, etc.).....	.....	(X)	9.3	(X)	8.2
281822	Solvents (butyl alcohols, butyl acetate, acetone, etc.).....	.....	(X)	77.6	(X)	63.6
281862	Cellulose esters (nitracellulose, etc.).....	Million lbs.....	67.3	26.9	(NA)	(NA)
	Plasticizers:					
281836	Diocetyl phthalate.....	...do.....	19.8	3.4	8.8	1.7
281837	Other plasticizers.....	...do.....	40.9	10.5	27.2	7.2
282160	Synthetic resins.....	...do.....	889.1	204.3	865.5	181.9
286102	Tall oil and rosin (gum and wood).....	.....	(X)	9.8	(NA)	(NA)
291105	Petroleum thinners (naphtha).....	Million Gals....	172.7	38.0	157.0	36.2
	Other chemicals:					
281875	Glycerol (glycerine).....	Million lbs.....	49.5	11.1	(NA)	(NA)
281876	Pentaerythritol.....	...do.....	21.6	5.1	(NA)	(NA)
281514	Phthalic anhydride.....	...do.....	112.1	15.7	122.7	14.1
281516	Styrene.....	...do.....	49.8	5.3	(NA)	(NA)
281827	Vinyl acetate monomer.....	...do.....	98.5	12.6	(NA)	(NA)
	Containers:					
340001	Metal.....	.....	(X)	118.6	(X)	110.7
260091	Paper and paperboard.....	.....	(X)	19.4	(X)	15.3
970099	All other materials and componcnts parts, containers and supplies consumed.....	.....	(X)	299.8	(X)	250.0
976000	Materials, containers, supplies, n.s.k. ¹.....	.....	(X)	268.2	(X)	237.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2871.--FERTILIZERS						
	Materials, containers, and supplies, total.....			(X)	667.8	(X)	491.1
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH ₃	1,000 short tons..	869.7	49.6	450.6	32.3
281913	Ammoniating or nitrogen solutions including mixtures containing urea.....	100% N.....	...do.....	(S)	26.0	236.4	31.3
281914	Ammonium nitrate.....	100% NH ₄ NO ₃.....	...do.....	(X)	(¹) 48.6		3.2
281975	Sodium nitrate.....	100% NaNO ₃.....	...do.....	(X)	(¹) 19.6		0.8
281915	Ammonium sulfate.....	100% (NH ₄) ₂ SO ₄..	...do.....	(S)	7.2	282.9	8.8
281826	Urea and calurea.....	100% N.....	...do.....	(X)	(¹)	8.1	1.5
281916	Other chemical nitrogenus materials, including potassium, nitrate, calcium, cyanamide and ammonium nitrate limestone mixtures.....		...do.....	(S)	4.6	63.3	2.7
200011	Organic ammoniates.....		...do.....	(X)	(¹) 77.1		3.3
	Phosphatic materials:						
287111	Super phosphate, used in mixed goods normal and enriched (less than 40% P ₂ O ₅).....	100% P ₂ O ₅.....	...do.....	² (S)	5.3	46.8	3.9
287114	Concentrated (40% P ₂ O ₅ and over).....	100% P ₂ O ₅.....	...do.....	³ (S)	30.0	231.9	26.3
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P ₂ O ₅.....	...do.....	(S)	15.7	65.7	8.6
	Potassic materials:						
147401	Muriate of potash, include all grades converted to 60-62% K ₂ O basis.....	K ₂ O 60-62%.....	...do.....	1,673.2	58.3	1,482.2	55.9
147402	Other potash bearing materials (potassium sulfate).....		...do.....	148.3	6.6	160.4	7.3
999821	Inert fillers, secondary plant food and soil conditioners, including sand, peat.....		...do.....	713.0	5.9	650.8	5.1
	Sulfuric acid:						
281931	Sulfuric acid, except spent.....	100% H ₂ SO ₄.....	...do.....	⁴ 2,432.8	39.3	1,627.3	23.9
281933	Spent sulfuric acid.....	100% H ₂ SO ₄.....	...do.....	943.4	11.4	602.3	7.6
147501	Phosphate rock.....		1,000 long tons..	12,484.2	116.9	9,655.2	94.7
281948	Phosphoric acid.....	100% P ₂ O ₅	1,000 short tons..	⁵ (S) 45.8		211.4	26.0
147701	Sulfur.....		1,000 long tons..	2,965.7	108.1	1,802.9	45.0
	Containers:						
239300	Textile.....			(X)		(X)	1.0
264302	Bags, except textile (including shipping sacks).....			(X)	14.0	(X)	19.9
	All other materials and components:						
970099	Parts, containers, and supplies consumed.....			(X)	¹ 83.1	(X)	45.8
976000	Materials, containers, supplies, n.s.k.....			(X)	⁶ 40.0	(X)	36.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2872.--FERTILIZERS, MIXING ONLY						
	Materials, containers, and supplies, total.	.....	.....	(X)	417.4	(X)	355.2
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH ₃	1,000 short tons.	152.7	11.6	101.7	9.2
281913	Ammoniating, or nitrogen solution including mixtures containing urea.....	100% N.....	...do.....	(S)	29.2	232.8	30.5
281914	Ammonium nitrate.....	100% NH ₄ NO ₃.....	...do.....	173.6	11.5	111.6	7.8
281975	Sodium nitrate.....	100% NaNO ₃.....	...do.....	(S)	(⁷)	40.5	2.0
281915	Ammonium sulfate.....	100% (NH ₄) ₂ SO ₄.....	...do.....	321.5	11.5	352.9	11.9
281826	Urea and calurea.....	100% N.....	...do.....	92.7	9.5	27.0	4.8
281916	Other chemicals nitrogenous materials, including potassium nitrate, calcium cyanamide, ammonium nitrate and limestone mixtures.....	.....	...do.....	(S)	5.3	89.5	3.9
200011	Organic ammoniates.....	.....	...do.....	143.1	6.1	153.0	6.2
	Phosphatic materials:						
287111	Super phosphate (less than 40% P ₂ O ₅).....	100% P ₂ O ₅.....	...do.....	(S)	34.1	413.9	41.4
287114	Concentrated (40% P ₂ O ₅ and over).....	100% P ₂ O ₅.....	...do.....	(S)	29.4	225.8	27.1
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P ₂ O ₅.....	...do.....	(S)	24.8	70.4	12.2
	Potassic materials:						
147401	Muriate of potash.....	K ₂ O 60-62%.....	...do.....	1,281.2	47.8	1,221.3	48.0
147402	Other potash bearing materials.....	.....	...do.....	201.0	8.7	180.6	7.9
999821	Inert fillers, secondary plant food, and soil conditioners including sand, limestone, peat, nut hulls, citrus meals.....	.....	...do.....	807.8	8.7	746.0	6.6
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄.....	...do.....	174.1	4.0	158.7	3.2
147501	Phosphate rock.....	.....	1,000 long tons..	(S)	(⁷)	78.3	0.8
281948	Phosphoric acid.....	100% P ₂ O ₅	1,000 short tons.	144.9	15.8	75.3	10.8
264302	Bags, except textile (including shipping sacks, multiwall bags, and polyethylene liners).....	.....	.....	(X)	13.0	(X)	13.4
970099	All other materials and components, parts, containers and supplies consumed.....	.....	.....	(X)	⁷ 58.3	(X)	33.7
976000	Materials, containers, supplies, n.s.k.....	.....	.....	(X)	⁶ 88.1	(X)	² 74.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Code 281914, code 281826, code 200011, and code 239300 combined with code 970099 for 1967.

²587.0 thousand short tons (100% P₂O₅) of normal and enriched superphosphate were consumed by producing plants.

³136.6 thousand short tons (100% P₂O₅) of concentrated superphosphate were consumed by producing plants.

⁴8,527.1 thousand short tons (100% H₂SO₄) of sulfuric acid, except spent, were produced and consumed by plants classified in industry 2871, Fertilizers.

⁵2,754.4 thousand short tons (100% P₂O₅) of phosphoric acid, were produced and consumed by plants classified in industry 2871, Fertilizers.

⁶This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁷Code 281975 and code 147501 combined with code 970099 for 1967.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (million dollars)	
					1967		
	INDUSTRY 2892.--EXPLOSIVES						
	Materials, total.....			(X)	(X)	240.7	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH ₃ ...	1,000 short tons	(NA)	226.1	13.2	(NA)
281914	Ammonium nitrate.....	100% NH ₄ NO ₃	...do.....	(NA)	107.4	6.4	(NA)
281901	Mixed acid (sulfuric and nitric).....	...do.....	...do.....	(NA)	11.7	0.8	(NA)
281911	Nitric acid.....	100% HNO ₃...	...do.....	(NA)	(D)	(D)	(NA)
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄...	...do.....	(NA)	370.4	8.5	(NA)
970099	All other materials and components, parts and supplies consumed.....			(X)	(X)	189.3	(X)
973000	Materials, containers, and supplies, n.s.k. ¹			(X)	(X)	22.5	(X)
					1963		
	Materials, total.....			(X)	(X)	100.6	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH ₃ ...	1,000 short tons	(D)	83.5	5.6	(D)
281914	Ammonium nitrate.....	100% NH ₄ NO ₃	...do.....	228.2	101.1	5.9	127.2
281901	Mixed acid (sulfuric and nitric).....	...do.....	...do.....	42.9	9.3	0.6	33.7
281911	Nitric acid.....	100% HNO ₃...	...do.....	(D)	(D)	(D)	189.6
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄...	...do.....	79.2	54.8	1.2	24.4
970099	All other materials and components, parts and supplies consumed.....			(X)	(X)	85.8	(X)
973000	Materials, containers, and supplies, n.s.k.			(X)	(X)	1.4	(X)
					1967		
					1963		
	Material		Unit of measure		Quantity	Delivered cost (million dollars)	Quantity Delivered cost (million dollars)
	INDUSTRY 2895.--CARBON BLACK						
	Materials, containers, and supplies, total.....			(X)	60.9	(X)	49.3
291101	Fuel oil used as raw material.....	1,000 bbls.		10,406.7			
		(42 Gal.).....		10,380.1	29.5	8,203.6	24.3
131302	Natural gas used as a raw material.....	Million cu. ft...		104,366.5	14.4	124.6	15.4
970099	All other materials and components, parts, containers and supplies consumed.....			(X)	16.9	(X)	9.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2911.--PETROLEUM REFINING					
	Materials, containers, and supplies, total.....		(X)	14,540.9	(X)	12,384.0
	Crude petroleum, including field condensate.....	Million bbls.....	3,621.2	11,246.8	3,156.4	9,743.6
131201	Domestic.....	..do.....	3,202.9	9,981.8	2,742.9	8,487.3
131202	Foreign.....	..do.....	418.3	1,265.0	413.5	1,256.4
291181	Foreign unfinished oils (received from foreign countries for further processing).....	..do.....	30.8	100.4	(X)	(NA)
131321	Plant condensate.....	..do.....	30.1	94.2	17.7	57.5
131322	Natural gasoline, mixed and crude, including drip gasoline.....	..do.....	88.2	281.6	104.5	297.8
132123	Liquefied petroleum gases, including feedstocks ¹.....	..do.....	176.9	462.0	134.4	341.7
291107	Benzol (benzene) (100% C ₆ H ₆).....	..do.....	1.6	14.3	2.7	24.7
	Additives, except animal and vegetable oil:					
280011	Antioxidants, antiknock compounds, and inhibitors.....	1,000 bbls.....	2,624	412.5	2,531	284.0
280012	Other additives, including soaps and detergents.....	..do.....	2,132	102.5	1,904	99.1
209001	Animal and vegetable oils.....	..do.....	121	5.4	100	6.1
281980	Chemical catalytic preparations.....	..do.....	(X)	98.1	(X)	71.4
941121	Crankcase drainings and other used oils consumed for refining or reclaiming.....	1,000 bbls.....	2,493	5.6	3,158	8.8
281238	Sodium hydroxide (100% NaOH) (caustic soda).....	1,000 short tons..	277.8	14.3	243.6	14.3
281931	Sulfuric acid (100% H ₂ SO ₄) (except spent).....	..do.....	1,952.2	40.0	1,667.3	33.3
	Containers:					
340001	Metal.....	..do.....	(X)	62.1	(X)	80.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....	..do.....	(X)	13.1	(X)	12.3
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends.....	..do.....	(X)	37.4	(X)	23.8
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A).....	..do.....	(X)	985.7	(X)	806.9
970099	All other materials, components, parts, containers, and supplies consumed.....	..do.....	(X)	469.5	(X)	464.1
973000	Materials, containers, and supplies, n.s.k. ².....	..do.....	(X)	95.4	(X)	13.5
	INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS					
	Materials, containers, and supplies, total.....		(X)	301.9	(X)	223.5
	Asphalt:					
291191	Less than 200 penetration.....	1,000 short tons..	4,761.4	104.5	4,007.0	86.0
291195	200 and over penetration.....	Million bbls.....	(S)	11.0	3.3	9.6
144201	Sand and gravel.....	1,000 short tons..	35,354.6	59.9	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	61.9	(X)	89.9
973000	Materials, containers, and supplies, n.s.k. ².....	..do.....	(X)	64.6	(X)	38.0
	INDUSTRY 2952.--ASPHALT FELTS AND COATINGS					
	Materials, containers, and supplies, total.....		(X)	317.3	(X)	285.0
	Asphalt:					
291191	Less than 200 penetration.....	1,000 short tons..	3,213.6	64.5	3,280.8	67.8
291195	200 and over penetration.....	Million bbls.....	9.1	27.6	8.6	25.9
266101	Roofing felts (unsaturated), other construction paper and insulating board.....	1,000 short tons..	1,535.3	81.9	1,283.2	77.4
329501	Roofing granules.....	..do.....	1,895.9	47.9	1,686.4	43.8
144201	Sand and gravel.....	..do.....	578.4	3.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	..do.....	(X)	76.6	(X)	62.6
973000	Materials, containers, and supplies, n.s.k. ².....	..do.....	(X)	15.7	(X)	7.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2992.--LUBRICATING OILS AND GREASES					
	Materials, containers, and supplies, total.....		(X)	257.0	(X)	250.5
	Additives (except animal and vegetable oil):					
280011	Antioxidants, antiknock compounds, and inhibitors.....	1,000 bbls.....	231	6.4	60	2.6
280012	Other additives, including soaps and detergents.....	...do.....	381	21.7	269	19.4
209001	Animal and vegetable oils.....	...do.....	496	11.2	225	5.8
941121	Crankcase drainings and other used oils consumed for refining or reclaiming.....	...do.....	(X)	.2	242	0.4
281238	Sodium hydroxide, (100% NaOH) (caustic soda).....	1,000 short tons..	7.7	.6	4.6	0.3
	Containers:					
340001	Metal.....		(X)	22.3	(X)	29.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....		(X)	2.6	(X)	2.4
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends.....		(X)	13.6	(X)	9.3
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A).....		(X)	119.0	(X)	110.1
970099	All other materials, containers, components, parts and supplies consumed.....		(X)	35.0	(X)	47.5
973000	Materials, containers and supplies, n.s.k ²		(X)	24.4	(X)	23.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹Represents liquefied petroleum gases from natural gasoline plants only.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3021.--RUBBER FOOTWEAR--Continued					
	Materials, containers, and supplies, total--Continued					
	Other fabrics:					
220311	Cotton.....	Million pounds...	31.0	32.7	27.6	27.0
220312	Rayon.....	...do.....	(D)	(D)	-	-
220313	Nylon.....	...do.....	0.5	0.7	0.5	0.7
220315	Polyester.....	...do.....	(D)	(D)	(X)	(NA)
220319	Other.....	...do.....	1.9	2.7	1.3	2.5
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....	.....	(X)	6.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies.....	.....	(X)	41.5	(X)	41.4
973000	Materials, containers, supplies, n.s.k. ¹.....	.....	(X)	11.1	(X)	13.9
	INDUSTRY 3031 AND 3069.--RECLAIMED RUBBER, AND FABRICATED RUBBER PRODUCTS, N.E.C.					
	Materials, containers, and supplies, total.....					
			(X)	⁴ 1,245.8	(X)	⁵ 1,025.2
	Natural rubber:					
086113	Latex (dry solids contents).....	1,000 long tons..	53.3	29.8	37.9	29.8
086115	Dry.....	..do.....	77.0	38.4	78.2	49.3
	Synthetic rubber:					
282203	Butadiene-styrene type.....	..do.....	² 264.0	111.7	240.0	116.8
282204	Butyl type.....	..do.....	19.5	11.8	16.7	9.4
282205	Neoprene.....	..do.....	67.8	62.5	53.0	49.2
282206	N-type (butadiene-acrylonitrile).....	..do.....	27.4	30.7	25.5	25.7
282211	Stereo polybutadiene elastomers (solution polymerized polybutadiene).....	..do.....	9.2	4.4	6.7	3.9
282212	Other stereo elastomers, including solution polymerized polyisoprene, and ethylene propylene copolymers and terpolymers..	..do.....	17.2	10.1		
282208	Polyurethane.....	..do.....	1.6	4.5	0.6	1.3
282209	Other elastomers.....	..do.....	17.0	20.6	11.3	15.4
303101	Reclaimed rubber (excluding "mud" and crumb or ground scrap)....	..do.....	² 65.4	10.2	³ 81.5	12.8
306980	Rubber compounds and mixtures purchased.....	..do.....	50.0	32.2	26.6	18.4
281833	Rubber processing chemicals.....	.....	(X)	58.6	(X)	45.9
281835	Plasticizers.....	Million lbs.....	168.7	22.9	159.4	21.4
289501	Carbon black.....	..do.....	312.2	25.1	235.9	18.6
281600	Inorganic pigments.....	..do.....	390.4	22.9	403.7	20.1
282130	Thermoplastic resins including modified resins.....	..do.....	163.5	30.9	139.7	29.7
282140	Thermosetting resins.....	..do.....	14.0	4.2	³ 20.2	7.5
	Tire cord and tire fabric:					
229601	Cotton cord.....	..do.....	2.1	1.1	0.8	0.4
229602	Rayon cord.....	..do.....	3.6	2.4	2.4	1.6
229603	Nylon cord.....	..do.....	4.7	4.8	(D)	(D)
229605	Polyester cord.....	..do.....	0.9	1.1	(NA)	(NA)
229609	Chafer and other tire fabrics.....	..do.....	2.4	1.9	1.1	0.8
	Other fabrics:					
220311	Cotton.....	..do.....	53.7	47.3	65.0	49.0
220312	Rayon.....	..do.....	21.3	13.0	17.5	9.2
220313	Nylon.....	..do.....	21.1	25.2	7.0	11.1
220315	Polyester.....	..do.....	2.3	3.0	(NA)	(NA)
220319	Other.....	..do.....	(S)	18.9	7.3	7.9
342956	Hose fittings and couplings.....	.....	(X)	11.9	(X)	6.8
331017	Steel wire.....	1,000 short tons.	27.8	13.3	24.4	12.3
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes.....	.....	(X)	26.1	(X)	(NA)
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	425.4	(X)	386.5
976000	Materials, containers, supplies, n.s.k. ¹.....	.....	(X)	118.9	(X)	64.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS					
	Materials, containers, supplies, total.....		(X)	2,255.4	(X)	1,380.5
282130	Thermoplastic resins including modified resins.....	Million lbs.....	3,824.5	811.5	2,143.5	503.3
282140	Thermosetting resins.....	...do.....	865.2	252.0	485.2	157.8
307911	Unsupported plastics film and sheeting.....	...do.....	182.2	73.2	(NA)	43.3
307912	Plastics rods, tubes, and other shapes.....	...do.....	(S)	28.6	(NA)	24.7
281835	Plasticizers.....	...do.....	142.7	29.0	90.9	17.9
322931	Glass fiber, roving, mats, etc.....	...do.....	56.1	28.4	38.4	19.6
220234	Cotton fabrics.....	Million lin. yds..	58.7	19.3	37.6	13.9
220239	Other textile fabrics.....	...do.....	(S)	17.7	(NA)	15.9
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	632.7	(X)	382.3
976000	Materials, containers, supplies, n.s.k. ¹		(X)	363.0	(X)	201.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

(Data on materials are not published separately for Industry 3031, Reclaimed Rubber, but are combined with the data for Industry 3069, Fabricated Rubber Products, N.E.C.).

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^e From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards on the basis of a general consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included in these quantity figures are the following percentages which were produced and consumed in the same establishment, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 5 and 10 percent; industries 3031 and 3069--Butadiene-styrene type, between 3 and 5 percent; reclaimed rubber, between 20 and 30 percent.

³Included in these quantity figures are the following percentages which were produced and consumed in the same establishments, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 10 and 20 percent; Industry 3021--Reclaimed rubber, between 25 and 50 percent; industries 3031 and 3069--Reclaimed rubber, between 20 and 25 percent; thermosetting resins, between 3 and 5 percent.

⁴Includes \$17.1 million for industry 3031, and \$1,228.7 million for industry 3069.

⁵Includes \$17.2 million for industry 3031, and \$1,008.1 million for industry 3069.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3111.--LEATHER TANNING AND FINISHING					
	Materials, parts, supplies, total.....		(X)	460.3	(X)	397.6
201191	Hides, skins, and pelts.....		(X)	298.0	(X)	274.3
240011	Plywood and other wood products, except boxes and containers....		(X)	0.4	(NA)	(NA)
280021	Tanning materials, dressings, dyes, and finishing agents.....		(X)	92.3	(X)	87.4
	Finished leather:					
311102	Upper leather.....	Million sq. ft...	28.1	9.3	(NA)	(NA)
311105	Innersole leather.....	...do.....	22.9	12.1	(NA)	(NA)
311106	All other soling leather.....	...do.....			(NA)	(NA)
311108	All other finished leather.....	...do.....			(NA)	(NA)
970099	All other materials, containers, and supplies.....		(X)	21.5	(X)	19.0
972000	Materials, parts, supplies, n.s.k ²		(X)	26.7	(X)	16.9
	INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING					
	Materials, parts, supplies, total.....		(X)	17.6	(X)	15.6
201191	Hides, skins, and pelts.....		(X)	3.8	(X)	(NA)
	Finished leather:					
311102	Upper leather.....	Million sq. ft....	1.4	0.8	5.2	5.9
311106	Soling leather, except innersole.....	Million lbs.....	2.8	3.2		
311108	All other finished leather.....	...do.....				
970099	All other materials, parts, and supplies.....		(X)	8.0	(X)	7.7
976000	Materials, parts, supplies, n.s.k ²		(X)	1.8	(X)	2.0
	INDUSTRY 3131.--FOOTWEAR CUT STOCK					
	Materials, parts, supplies, total.....		(X)	144.6	(X)	129.0
201191	Hides, skins, and pelts.....		(X)	6.3	(NA)	(NA)
	Finished leather:					
311102	Upper leather.....	Million sq. ft....	8.2	4.6	9.5	3.2
	Soling leather, total.....	...do.....	58.4	29.9	81.0	36.2
311105	Innersole leather.....	Million lbs.....	11.7	4.8	16.7	5.5
311106	All other soling leather.....	...do.....	46.7	25.1	64.3	30.8
311108	All other finished leather.....	...do.....	7.2	4.1	13.9	6.9
280021	Tanning materials, dressings, dyes, and other finishing agents...		(X)	2.7	(NA)	(NA)
240011	Plywood and other wood products, except boxes and containers.....		(X)	5.6	(X)	9.0
970099	All other materials, containers, and supplies consumed.....		(X)	57.4	(X)	53.7
976000	Materials, containers, supplies, n.s.k ²		(X)	34.0	(X)	20.0
	INDUSTRY 3141.--SHOES, EXCEPT RUBBER					
	Materials, parts, supplies, total.....		(X)	1,121.8	(X)	983.4
	Finished leather:					
311103	Upper leather, total.....	Million sq. ft....	855.2	426.3	945.8	398.4
311104	Lining leather.....	...do.....	855.2	426.3	255.6	56.5
	All other upper leather.....	...do.....			690.2	342.0
	Soling leather, total.....	Million lbs.....	(NA)	66.3	127.8	52.4
311105	Innersole leather.....	...do.....	(NA)	66.3	45.8	13.3
311106	All other soling leather.....	...do.....	(NA)		82.1	39.1
311107	All other finished leather.....		(X)	10.9	(X)	5.9
	Cut stock and findings.....		(X)	151.1	(X)	126.2
307984	Composition and nuclear.....	Million lbs.....	(NA)	15.0	75.6	26.0
306965	Rubber and elastomer resins soling slabs and top lift sheets...	Million sq. ft....	(NA)	23.3	(NA)	(NA)
300115	Plastic, natural and synthetic rubber.....		(X)	66.5	(X)	40.6
313108	Leather and other.....		(X)	46.3	(X)	59.6
229503	Coated impregnated or laminated plastics on cloth backing, including artificial leather.....	Million lin. yds.	e13.1	18.6	13.2	15.6
307913	Unsupported plastic film and sheeting, not backed including poromerics.....	Million sq. yds.	e6.0	13.0	(NA)	2.1
220129	Broadwoven fabrics (over 12 inches wide).....	Million lin. yds.	c29.2	25.7	47.3	23.9
970011	Containers and other packaging supplies.....		(X)	36.0	(X)	35.9
970099	All other materials, parts, supplies.....		(X)	222.9	(X)	213.5
976000	Materials, parts, supplies, n.s.k ²		(X)	151.0	(X)	115.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3142.—HOUSE SLIPPERS					
	Materials, parts, supplies, total.....	.....	(X)	72.2	(X)	54.7
	Finished leather:					
	Upper leather, total.....	Million sq. ft..	22.2	9.5	24.9	9.6
311103	Lining leather.....	...do.....	e22.2	9.5	{ 5.7	1.9
311104	All other upper leather.....	...do.....					{ 19.2	7.6
	Soling leather, total.....	Million lbs.....	(NA)	1.4	4.2	2.9
311105	Innersole leather.....	...do.....	(NA)	1.4	{ 0.3	0.2
311106	All other soling leather.....	...do.....				
311107	All other finished leather.....	(X)	1.1	(X)	1.4
	Cut stock and findings.....	.....	(X)	5.3	(X)	3.7
307984	Composition and nuclear.....	Million lbs.....	(NA)	1.8	1.8	1.3
300115	Plastic, natural and synthetic rubber.....	.....	(X)	2.9	(X)	1.6
313108	Leather and other.....	.....	(X)	0.6	(X)	0.8
229503	Coated impregnated or laminated plastics on cloth backing, cluding artifical leather.....	Million lin. yds.....	e3.8	7.2	(D)	(D)
307913	Unsupported plastic film and sheeting, not backed.....	Million sq. yds.	(NA)	0.6	(D)	(D)
220129	Broadwoven fabrics (over 12 inches wide).....	Million lin. yds.....	e7.4	10.8	5.6	6.5
970011	Containers and other packaging supplies.....	.....	(X)	3.1	(X)	2.4
970099	All other materials, parts, supplies, including rubber and elastomer resin soling slabs and top lift sheets.....	.....	(X)	22.0	(X)	15.8
976000	Materials, parts, supplies, n.s.k ².....	.....	(X)	11.2	(X)	12.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by subtraction from higher-level totals or from related figures. ⁶From 10 to 30 percent of this figure was estimated.

¹Combined to avoid disclosing the operations of individual companies.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this included estimates for companies that were not mailed report forms.

³For 1963, figures are in million pounds.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3151.--LEATHER GLOVES AND MITTENS					
	Materials, containers, and supplies, total.....		(X)	33.9	(X)	34.3
311100	Finished leather.....	Million sq. ft....	73.2	22.7	76.9	22.2
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds..	(NA)	1.3	2.9	1.8
225601	Knitted fabrics (cotton, wool, manmade fiber fabrics, etc.).....	...do.....	(NA)	1.2	(NA)	1.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	4.7	(X)	4.6
976000	Materials, containers, and supplies, n.s.k.....		(X)	4.0	(X)	4.5
	INDUSTRY 3161.--LUGGAGE					
	Materials, containers, and supplies, total.....		(X)	143.9	(X)	93.5
	Broadwoven fabrics (piece goods):					
221101	Cotton.....	Million lin. yds.	(NA)	1.8	(NA)	0.9
222101	Rayon and acetate.....	...do.....	e24.7	8.3	9.7	3.5
220128	Other broadwoven fabrics.....	...do.....	(NA)	2.2	(NA)	1.6
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	...do.....	(NA)	19.8	(NA)	11.7
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials.....	Million sq. yds..	(NA)	7.2	(NA)	7.0
311100	Finished leather.....	Million sq. ft....	(NA)	5.5	(NA)	3.2
342953	Trunk and luggage hardware, including locks.....		(X)	23.1	(X)	9.8
970090	Other materials, parts, containers, and supplies.....		(X)	43.2	(X)	35.3
976000	Materials, containers, and supplies, n.s.k.....		(X)	32.8	(X)	20.5
	INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES					
	Materials, containers, and supplies, total.....		(X)	137.8	(X)	123.5
	Broadwoven fabrics (piece goods):					
221101	Cotton.....	Million lin. yds.	(NA)	(²)	2.4	1.5
222101	Rayon and acetate.....	...do.....	(NA)	(²)	5.5	3.4
220128	Other broadwoven fabrics.....	...do.....	(NA)	(²)	2.6	3.0
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	...do.....	15.6	20.3	22.6	24.7
307913	Unsupported plastic film and sheeting, not backed excluding packaging materials.....	Million sq. yds..	27.0	20.1	15.2	11.5
311100	Finished leather.....	Million sq. ft....	44.1	24.8	40.0	16.9
342953	Trunk and luggage hardware including locks.....		(X)	4.3	(X)	(NA)
970099	Other materials, parts, containers, and supplies.....		(X)	35.3	(X)	23.6
976000	Materials, containers, and supplies, n.s.k. ²		(X)	33.1	(X)	38.9
	INDUSTRY 3172.--PERSONAL LEATHER GOODS					
	Materials, containers, and supplies, total.....		(X)	71.7	(X)	62.4
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather.....	Million lin. yds.	c5.2	4.5	(NA)	5.0
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials.....	Million sq. yds..	c4.3	2.6	4.9	2.5
311100	Finished leather.....	Million sq. ft....	40.5	19.7	36.9	15.8
970099	Other materials, parts, containers, and supplies.....		(X)	24.3	(X)	18.4
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	20.6	(X)	20.6
	INDUSTRY 3199.--LEATHER GOODS, N.E.C.					
	Materials, containers, and supplies, total.....		(X)	43.7	(X)	29.8
311100	Finished leather.....	Million sq. ft....	21.3	12.7	18.7	10.4
970099	Other materials, parts, containers, and supplies.....		(X)	14.3	(X)	10.8
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	16.7	(X)	8.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²Included with "other materials, parts, containers, and supplies."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3211.--FLAT GLASS						
	Materials, containers, and supplies, total.....		(X)	157.1	(X)	146.0
281228	Sodium carbonate (soda ash) (98-100% Na ₂ CO ₃).....	1,000 short tons..	386.5	13.5	398.8	13.5
144301	Glass sand, all types.....	...do.....	1,495.0	7.8	1,880.6	8.6
281976	Sodium sulfate (including salt cake).....	...do.....	(S)	(S)	67.6	2.1
321121	Plate glass.....	Million sq. ft....	45.1	15.4	87.6	19.0
321111	Sheet glass.....	...do.....	19.6	4.3	15.2	2.6
Refractories:						
325501	Clay.....	1,000 short tons..	13.8	3.0	14.4	2.6
329701	Nonclay.....	...do.....				
999816	Cullet (glass scrap).....	Million lbs.....	487.1	3.8	998.1	7.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	104.6	(X)	88.5
972000	All other materials, containers and supplies, n.s.k.....		(X)	2.5	(X)	(X)
INDUSTRY 3221.--GLASS CONTAINERS						
	Materials, containers, and supplies, total.....		(X)	407.4	(X)	315.9
281228	Sodium carbonate (soda ash) (98-100% Na ₂ CO ₃).....	1,000 short tons.	1,979.0	70.1	1,623.9	58.1
144301	Glass sand.....	...do.....	7,132.5	36.4	4,724.6	26.9
Refractories:						
325501	Clay.....	...do.....	(S)	3.7	(S)	2.7
329701	Nonclay.....	...do.....	(S)	3.9	(S)	3.1
265301	Corrugated paperboard shipping containers.....	1,000 short tons.	(X)	148.7	(X)	100.5
265019	All other paperboard containers and boxes.....	...do.....	(X)	9.6		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	129.5	(X)	124.7
972000	Materials not specified.....		(X)	5.6	(X)	(X)
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.						
	Materials, containers, and supplies, total.....		(X)	185.2	(X)	130.5
281228	Sodium carbonate (soda ash) (98-100% Na ₂ CO ₃).....	1,000 short tons.	236.2	8.0	148.3	5.3
144301	Glass sand.....	...do.....	1,282.2	9.6	767.2	5.8
281976	Sodium sulfate (including salt cake).....	...do.....	(S)	(S)	14.5	0.9
321121	Plate glass.....	Million sq. ft....	(S)	(S)	(X)	1.2
321111	Sheet glass.....	...do.....	(S)	(S)		
322911	Glass tumblers, stemware, and other tableware.....	...do.....	(S)	(S)		
322901	Other glass products.....	...do.....	(D)	(D)		
Refractories:						
325501	Clay.....	1,000 short tons.	15.2	4.6	8.0	1.7
329701	Nonclay.....	...do.....	(S)	(S)	(S)	1.1
265301	Corrugated paperboard shipping containers.....		(X)	28.5	(X)	23.6
999816	Cullet (glass scrap).....	Million lbs.....	516.7	7.3	417.6	6.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	97.4	(X)	84.5
973000	All other materials, containers, and supplies, n.s.k.....		(X)	(D)	(X)	-
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS						
	Materials, containers, and supplies, total.....		(X)	350.9	(X)	281.0
321121	Plate glass.....	Million sq. ft....	367.2	138.8	293.7	104.9
321111	Sheet glass.....	...do.....	349.3	62.0	255.9	47.9
322911	Glass tumblers, stemware, and other tableware.....	...do.....	(X)	7.3	(X)	3.9
322901	Other glass products.....	...do.....	(X)	24.1	(X)	14.7
265301	Corrugated paperboard shipping containers.....		(X)	7.4	(X)	4.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	88.7	(X)	76.1
973000	Materials, containers, and supplies, n.s.k.....		(X)	22.6	(X)	29.0

Standard notes: - Represents zero. (X) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3241.--CEMENT, HYDRAULIC				
	Materials, containers, and supplies, total.....	(X)	227.7	(X)	195.8
264338	Paper shipping sacks and multiwall bags.....	(S)	16.8	376.0	18.1
320591	Refractories, clay and nonclay.....	75.8	11.0	(S)	7.1
142011	Crushed and broken stone, including cement rock, limestone, etc.....	(S)	42.8	}	(X) 167.6
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	145.7		
976000	Materials, containers, and supplies, n.s.k.....	(X)	11.4	(X)	3.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3271.--CONCRETE BLOCK AND BRICK					
	Materials, parts, containers, and supplies, total.....		(X)	199.5	(X)	197.1
324101	Portland cement.....	1,000 (376 lb. barrels).....	15,071.3	60.0	13,896.6	55.4
144201	Sand and gravel.....	1,000 short tons.	17,922.6	28.2	18,121.6	28.1
142011	Crushed or broken stone.....	...do.....	6,436.4	15.7	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relined....	...do.....	2.8	0.7	2.1	0.5
331092	Welded wire concrete reinforcing mesh.....	...do.....	4.9	0.8	4.5	0.6
331009	Concrete reinforcing bars.....	...do.....	8.0	1.5	(S)	1.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	46.0	(X)	49.4
972000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	46.3	(X)	61.9
	INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.					
	Materials, parts, containers and supplies, total.....		(X)	417.9	(X)	337.2
324101	Portland cement.....	Million (376-lb. barrels).....	20.7	84.2	17.1	68.1
144201	Sand and gravel.....	1,000 short tons.	16,981.8	32.4	15,745.2	30.6
142011	Crushed or broken stone.....	...do.....	5,652.0	14.1	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relieved...	...do.....	204.5	39.9	124.6	23.9
331092	Welded wire concrete reinforcing mesh.....	...do.....	179.6	34.2	182.5	32.7
331009	Concrete reinforcing bars.....	...do.....	111.5	16.9	117.9	16.5
970099	All other materials and components, parts containers and supplies		(X)	109.2	(X)	93.7
973000	Materials components, parts, containers, and supplies, n.s.k....		(X)	87.1	(X)	71.7
	INDUSTRY 3273.--READY-MIXED CONCRETE					
	Materials, parts, containers, and supplies, total.....		(X)	1,339.7	(X)	1,155.5
324101	Portland cement.....	Million (376 lbs. barrels).....	159.2	609.8	132.7	502.2
144201	Sand and gravel.....	1,000 s. tons....	153,601.6	272.7	166,261.7	283.8
142011	Crushed or broken stone.....	...do.....	43,566.1	90.9		
970099	All other materials and components, parts, containers and supplies.....		(X)	118.3	(X)	104.3
973000	Materials, components, parts, containers, and supplies, n.s.k....		(X)	247.5	(X)	265.2
	INDUSTRY 3274.--LIME					
	Materials, parts, containers, and supplies, total.....		(X)	44.1	(X)	37.1
264338	Paper shipping sacks and multiwall bags.....		(X)	4.6	(X)	4.2
970099	All other materials and components, parts, containers, and supplies.....		(X)	25.7	(X)	26.0
142011	Crushed and broken stone, including cement rock, limestone, etc..	1,000 short tons.	5,612	11.3	(NA)	(NA)
973000	Materials, parts, containers, and supplies, n.s.k.....		(X)	2.4	(X)	6.9
	INDUSTRY 3275.--GYPSUM PRODUCTS					
	Materials, containers, and supplies, total.....		(X)	127.9	(X)	133.8
264338	Paper shipping sacks and multiwall bags.....	1,000 short tons.	26	4.9	(NA)	4.9
263112	Paperboard liners.....	...do.....	550	45.1		
142011	Crushed and broken stone, including cement rock, limestone, etc..	...do.....	10,234	28.9	(X)	125.2
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	48.4		
976000	Materials, containers, and supplies, n.s.k.....		(X)	0.7	(X)	3.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967			1963		
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)
	INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS						
	Materials, containers and supplies, total.....	(X)	70.2	3,545.5	(X)	70.6	3,024.6
	Stone for preparation:						
141101	Rough blocks used to produce dressed stone.....	(S)	23.2	2,512.5	1,107.3	24.9	1,700.8
142101	Broken stone received for crushing, screening, or washing.....	(S)	1.0	1,033.0	(S)	0.2	1,323.8
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	21.7	-	(X)	31.3	-
976000	Materials, containers, and supplies, n.s.k.....	(X)	24.3	-	(X)	14.1	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the associated standard error of estimate or on the basis of a consistency review.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3292.--ASBESTOS PRODUCTS					
	Materials and components, parts, containers, and supplies, total.....		(X)	228.1	(X)	212.1
149901	Asbestos, crude (including fiber).....	1,000 short tons.	441.6	55.7	453.2	48.3
324101	Portland cement.....	1,000 bbls. (376 lb. bbls.).....	2,931.1	10.8	2,370.0	8.8
209010	Vegetable oils, including crude and processed.....	Million lbs.....	34.9	5.9	34.2	6.0
282137	Vinyl and vinyl copolymer resins, all forms.....	...do.....	195.9	27.7	201.6	31.0
281012	Pigment, organic, and inorganic.....	...do.....	58.2	12.3	59.4	14.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	103.7	(X)	98.7
973000	Materials, components, parts, containers, and supplies, n.s.k. ¹		(X)	12.3	(X)	4.4
	INDUSTRY 3293.--GASKETS AND INSULATIONS					
	Materials and components, parts, containers, and supplies, total.....			129.3	(X)	97.3
149901	Asbestos, crude (including fiber).....	1,000 short tons	(S)	11.5	31.4	5.0
970099	All other material and components, parts, containers, and supplies consumed.....		(X)	96.1	(X)	78.5
973000	Materials, and components, parts, containers, and supplies, n.s.k. ¹		(X)	21.7	(X)	13.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
	INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS					
	Materials, containers, and supplies, total.....		(X)	¹ 9,829.1	(X)	¹ 7,983.7
121120	Coal used in the production of coke.....	1,000 s. tons	91,867.2	879.8	76,254.6	677.9
101112	Iron ore, including manganiferous:					
	Crude.....	Gross wt. 1,000 s. tons	80,700.9	807.8		
101123	Concentrates.....	....do.....	14,898.6	165.7	113,806.1	1,374.4
101125	Agglomerates.....	....do.....	47,386.5	623.1		
106220	Manganese ore including ferruginous (containing 10 percent manganese).....	....do.....	(²)	(²)	(NA)	(NA)
331051	Pig iron ³	1,000 s. tons	10,688.1	420.5	8,682.6	382.0
999811	Iron and steel purchased scrap (except rails for rerolling).....	....do.....	26,690.3	730.1	27,964.6	704.1
331081	Steel rails for rerolling.....	....do.....	370.7	19.9	406.7	19.5
	Nonferrous metals, alloys and ferroalloys:					
333402	Aluminum.....	....do.....	71.4	33.7	54.5	22.8
333113	Copper, including both refined, unalloyed and copper-base alloy raw materials.....	....do.....	24.0	20.6	19.2	11.6
333971	Nickel.....	....do.....	42.9	72.2	(NA)	(NA)
333975	Tin.....	....do.....	34.3	105.0	(NA)	(NA)
333232	Lead.....	....do.....	9.0	3.0	(NA)	(NA)
333348	Zinc.....	....do.....	278.3	80.9	297.9	71.6
331312	Ferromanganese ⁴.....	....do.....	912.8	146.9	771.4	131.4
331320	Ferrochromium.....	....do.....	289.3	83.8	231.3	65.0
331330	Ferrosilicon.....	....do.....	252.0	44.4	208.7	32.4
331343	Ferromolybdenum.....	....do.....	11.3	31.5	(NA)	(NA)
331340	Spiegeleisen ⁵.....	....do.....	15.1	1.4	23.2	2.2
331345	Ferronickel.....	....do.....	45.2	41.9	(NA)	(NA)
331342	Other ferroalloys, including ferrotungsten, and silvery iron ⁶..	....do.....	211.4	97.0	193.8	86.4
329502	Dead-burned magnesia.....	....do.....	(²)	(²)		
281930	Sulfuric acid (100 percent H ₂ SO ₄) ⁷.....	....do.....	1,088.8	27.6	1,175.5	25.1
281340	Oxygen (including both high and low purity) ⁸	Mil. cu. ft.	147,801.6	94.4	78,707.3	74.7
325501	Clay refractories.....	1,000 s. tons	1,323.6	82.9	1,565.6	83.4
329701	Nonclay refractories.....	....do.....	2,938.8	120.0	2,803.0	113.5
332111	Gray iron ingot molds ⁹.....	....do.....	1,672.6	129.8	(NA)	(NA)
	Fluxes:					
329503	Limestone.....	....do.....	18,861.6	55.4	(NA)	(NA)
327403	Lime, including quicklime and dead-burned dolomite.....	....do.....	5,611.5	70.5	(NA)	(NA)
329505	Fluorspar.....	....do.....	400.3	16.7	(NA)	(NA)
329506	Other fluxes.....	....do.....	5,288.7	27.0	(NA)	(NA)
331005	Ingots, semifinished shapes (blooms, billets, etc.) and other steel shapes received for further processing).....		(X)	2,347.4	(X)	1,678.4
970099	All other materials and components, parts, containers and supplies consumed ¹⁰		(X)	2,410.1	(X)	2,165.3
976000	Materials and components, parts, containers and supplies consumed, n.s.k. ¹¹		(X)	38.1	(X)	262.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS					
	Materials, containers and supplies, total.....		(X)	220.1	(X)	175.8
106220	Manganese Ore.....	Gross wt. 1,000 short tons....	453.9	18.6	452.1	15.9
325501	Clay refractories.....	1,000 short tons	(NA)	1.2	9.2	0.6
329701	Nonclay refractories.....	...do.....			18.2	1.0
	Ferroalloys:					
331312	Ferromanganese.....	...do.....	(²)	(²)	18.7	1.6
331330	Ferrosilicon.....	...do.....	(²)	(²)	1.7	0.2
331342	Other ferroalloys.....	...do.....	(²)	(²)	43.9	8.6
999811	Iron and steel purchased scrap.....	...do.....	628.3	20.0	379.5	9.7
970099	All other materials, parts and supplies.....		(X)	¹ 147.9	(X)	135.3
976000	Materials, parts, and supplies n.s.k. ¹¹		(X)	32.4	(X)	3.0
	Material		1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3315.--STEEL WIRE AND RELATED PRODUCTS					
	Materials, containers and supplies, total.....		(X)	433.4	(X)	313.6
	Nonferrous metals, alloys and ferroalloys:					
333113	Copper, including both refined unalloyed and copper-base alloy raw material.....		2.0	2.3	0.6	0.5
333975	Tin.....		(NA)	0.9	0.4	0.5
333232	Lead.....		3.5	1.0	2.1	0.5
333348	Zinc.....		15.1	4.3	8.2	1.6
281930	Sulfuric acid (100 percent H ₂ SO ₄).....		(NA)	0.6	24.3	1.4
	Steel for drawing wire:					
	Rods:					
331061	Carbon steel.....		1,259.7	187.8	966.7	143.7
331063	Alloy steel (except stainless).....		31.2	8.4	41.7	11.6
331065	Stainless steel.....		15.2	15.5	9.0	9.7
	Wire for redrawing:					
331073	Carbon steel.....		80.2	18.9	82.3	25.9
331075	Alloy steel.....		(NA)	0.5	2.8	2.7
331077	Stainless steel.....		0.4	0.9	1.0	1.5
331079	Other steel mill shapes for drawing wire.....		4.6	1.7	6.8	1.2
331005	Ingots, semifinished shapes (blooms, billets etc.) and other steel shapes received for further process, except for drawing wire.....		(X)	16.0	(X)	28.7
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	137.3	(X)	58.1
976000	Materials, n.s.k. ¹¹		(X)	37.3	(X)	26.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

For 1963, materials consumed data for industry 3312, Blast Furnaces and Steel Mills, were published separately by subindustry. For 1967, such data were not separately tabulated. Subindustry data for 1963 appear in Volume II, 1963 Census of Manufactures, in table 7A.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ⁶From 10 to 30 percent of this figure was estimated.

¹Total cost of materials, etc., contains extensive duplication. This duplication arises because the products of some establishments are used as materials by other establishments in the same industry. For the industry as a whole, the extent of this duplication is approximated by totaling the cost of pig iron, ingots, and semifinished shapes purchased for further processing. Estimated unduplicated cost of materials obtained by this method is \$7,061 million. The comparable 1963 figure was \$5,923 million.

²Included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing figures of individual companies.

³In addition, pig iron produced and consumed in the same establishment in 1967 was 70,547 thousand short tons. In 1963, the comparable figure was 56,369 thousand short tons.

⁴In addition, 214 thousand short tons of ferromanganese were produced and consumed in the same establishment in 1967. The comparable figure for 1963 was 56 thousand short tons.

⁵Excludes spiegeleisen produced and consumed in the same establishment.

⁶In addition, 14 thousand short tons of other ferroalloys were produced and consumed in the same establishment in 1967. The comparable figure for 1963 was 16 thousand short tons.

⁷Excludes sulfuric acid produced and consumed in the same establishment.

⁸In addition, 10,981 million cubic feet of oxygen were produced and consumed in the same establishment in 1967. For 1963 the comparable figure was 9,613 million cubic feet.

⁹Excludes gray iron ingot molds produced and consumed in the same establishment.

¹⁰For 1967, includes cost of manganese ore, aluminum and aluminum-base alloy scrap and dross and dead-burned magnesia. For 1963, includes cost of manganese ore, aluminum and aluminum-base alloy scrap and dross nickel, tin, lead, dead-burned magnesia, gray iron ingot molds, limestone, lime, fluorspar, and other fluxes.

¹¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3321.-GRAY IRON FOUNDRIES				
	Materials, containers, and supplies, total.....	(X)	896.8	(X)	666.6
331051	Pig iron (excluding silvery iron).....	3,350.1	193.4	4,379.4	275.9
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	(1)	(1)	5.5	2.4
333405	Aluminum-base alloys.....	2.0	1.0	5.6	2.4
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(1)	(1)	0.5	0.3
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	3.9	3.9	8.5	4.7
333348	Zinc and zinc-base alloys.....	(1)	(1)	0.2	(Z)
333973	Magnesium and magnesium-base alloys.....	11.1	5.8	9.9	4.9
331312	Ferromanganese.....	13.3	2.0	20.5	3.0
331309	Other ferroalloys, including silvery iron.....	271.5	44.0	249.2	35.6
	Scrap (purchased only):				
999811	Iron and steel.....	6,322.3	209.3	5,116.5	170.2
999808	Aluminum and aluminum-base alloy.....	(1)	(1)	(D)	(D)
999812	Copper and copper-base alloy.....	2.2	1.6	1.2	0.6
144503	Sand.....	3,477.9	22.5		
325501	Clay Refractories.....	(NA)	6.6		
329701	Nonclay Refractories.....	(NA)	4.2	(X)	128.1
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke).....	(X)	340.9		
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	66.8	(X)	38.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES				
	Materials, containers, and supplies, total.....	(X)	117.5	(X)	92.8
331051	Pig iron (excluding silvery iron).....	135.5	8.1	119.0	7.1
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot etc.):				
333404	Aluminum, unalloyed.....	2.0	1.0	1.1	0.5
333405	Aluminum-base alloys.....				
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(¹)	(¹)	0.6	0.4
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...				
333348	Zinc and zinc-base alloys.....	0.8	0.2	0.5	0.1
331312	Ferromanganese.....	7.4	1.3	5.4	0.9
331309	Other ferroalloys, including silvery iron.....	63.0	7.6	94.7	8.7
	Scrap (purchased only):				
999811	Iron and steel.....	783.4	24.5	781.0	24.4
999808	Aluminum and aluminum-base alloy.....	(¹)	(¹)	(D)	(D)
999812	Copper and copper-base alloy.....	(¹)	(¹)	(D)	(D)
333973	Magnesium and magnesium-base alloys.....	(¹)	(¹)		
144503	Sand.....	429.7	2.7		
325501	Clay refractories.....	34.3	1.8	(X)	48.2
329701	Nonclay refractories.....	(NA)	0.7		
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke) ¹	(X)	60.4		
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	9.2	(X)	2.4
	INDUSTRY 3323.--STEEL FOUNDRIES				
	Materials, containers and supplies, total.....	(X)	344.4	(X)	235.3
331051	Pig iron (excluding silvery iron).....	129.9	7.9	129.7	8.6
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	6.1	2.7	1.3	0.6
333405	Aluminum-base alloys.....	(¹)	(¹)	0.9	0.4
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(¹)	(¹)	0.2	0.1
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	(¹)	(¹)	1.5	1.0
333973	Magnesium and magnesium-base alloy.....	(¹)	(¹)	(D)	(D)
331312	Ferromanganese.....	27.4	4.8	22.4	4.1
331309	Other ferroalloys, including silvery iron.....	58.0	19.9	50.5	15.4
	Scrap (purchased only):				
999811	Iron and steel.....	1,707.0	55.3	1,204.6	38.5
999808	Aluminum and aluminum-base alloy.....	(¹)	(¹)	(NA)	0.8
999812	Copper and copper-base alloy.....	(¹)	(¹)	0.1	(Z)
144503	Sand.....	1,614.2	14.7		
325501	Clay refractories.....	(NA)	3.7		
329701	Nonclay refractories.....	(NA)	2.9	(X)	48.2
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke).....	(X)	251.0		
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	14.4	(X)	2.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3331.--PRIMARY COPPER ¹					
	Materials, containers, and supplies, total ²		(X)	904.8	(X)	928.3
102100	Copper:					
	Ores, concentrates and precipitates.....	Gross weight thousand short tons.....	3,601.5	485.9	³ 11,084.8	³ 496.3
333121	Refined unalloyed copper (cathodes, ingots, cakes, slabs, etc.).	Thousand short tons.....	435.7	341.7	{ (NA) 544.2 13.9	{ (NA) 299.2 10.1
333111	Blister or anode copper ⁴	do.....				
999812	Copper and copper-base alloy scrap (purchased scrap only).....	do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	77.2	(X)	122.8
	INDUSTRY 3332.--PRIMARY LEAD ¹					
	Materials, containers and supplies, total ²		(X)	262.6	(X)	222.3
103200	Lead:					
	Ores and concentrates.....	Gross weight thousand tons....	1,002.6	152.8	866.6	131.7
333233	Refined unalloyed lead.....		(X)	109.8	(X)	90.6
999813	Lead and lead-base alloy scrap.....					
970099	All other materials and components, parts, containers, and supplies consumed.....					
	INDUSTRY 3333.--PRIMARY ZINC ¹					
	Materials, containers, and supplies, total.....		(X)	189.1	(X)	151.9
103300	Zinc:					
	Ores and concentrates.....	Gross weight thou- sand short tons..	1,757.3	147.5	1,878.8	118.4
333341	Refined unalloyed zinc.....	Thousand short tons.....	(⁵)	(⁵)	16.0	3.6
999814	Zinc and zinc-base alloy scrap, including drosses and skimmings (purchased scrap only).....	do.....	124.1	15.9	106.4	12.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	25.7	(X)	16.9
	INDUSTRY 3334.--PRIMARY ALUMINUM ¹					
	Materials, containers, and supplies, total.....		(X)	637.4	(X)	434.3
281951	Alumina.....	1,000 gross weight short tons.....	5,692.5	365.6	4,461.6	291.2
999812	Copper and copper-base alloy scrap (purchased scrap only).....	1,000 short tons.	(X)	271.8	{ 4.6	2.6
970099	All other materials and components, parts, containers, and supplies consumed.....					

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS ¹					
	Materials, containers and supplies, total.....		(X)	1,012.9	(X)	676.6
333471	Aluminum ingot.....	Short tons.....	51.3	19.8	86.9	33.3
	Aluminum and aluminum-base alloy scrap (purchased scrap only):					
999809	From other establishments of the same company.....	...do.....	317.1	91.8	229.8	63.7
999810	From all other sources.....	...do.....	301.7	88.8	333.7	82.3
	Copper:					
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc.)	...do.....	23.3	15.2	6.4	3.6
999812	Copper and copper-base alloy scrap (purchased scrap only etc.)	...do.....	417.5	256.6	357.5	159.0
	Lead:					
333233	Refined unalloyed lead.....	..do.....	50.7	13.1	122.9	26.5
999813	Lead and lead-base alloy scrap (purchased scrap only).....	..do.....	530.2	109.2	524.1	77.3
	Zinc:					
333341	Refined unalloyed zinc.....	..do.....	70.0	19.6	68.8	17.2
999814	Zinc and zinc-base alloy scrap (purchased scrap only).....	..do.....	99.5	17.3	81.8	11.5
	Tin:					
333976	Refined unalloyed tin.....	..do.....	40.0	46.5	13.6	31.2
999815	Tin plate scrap.....	..do.....			352.6	9.1
970099	All other items, components, parts, containers and supplies consumed.....		(X)	230.8	-	161.9
976000	All other materials, n.s.k. ⁶		(X)	104.2	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹Smelting and refining establishments were instructed to include in their reports the quantity and cost of purchased materials which they processed or furnished to others for toll processing, but to exclude materials processed on a toll basis for others. Accordingly the data shown in this table exclude considerable quantities of materials consumed by establishments in this industry in the production of the products shown in table 3.

²The cost of materials for this industry includes extensive duplication. This duplication arises because the products of some establishments are used as materials by other establishments in the same industry.

³Includes leaching ores received in crude form from mines by leaching plants operated in conjunction with smelting and refining operations. Such ores represent about half the total quantity of ores, concentrates and precipitates consumed but about 15 percent of the value of these materials.

⁴Excludes materials consumed by establishments producing copper by leaching or from Lake Superior ores as no distinct blister stage exists in the production at these establishments.

⁵Included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing figures for individual companies.

⁶This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3351.--COPPER ROLLING AND DRAWING ¹				
	Materials, containers, and supplies, total.....	(X)	1,587.0	(X)	1,120.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	71.5	35.4	31.5	13.4
333405	Aluminum-base alloys.....			18.5	8.6
333121	Copper, unalloyed (cathodes, ingot(cakes, slabs, etc.).....	801.8	673.8	839.0	527.6
333113	Copper-base alloy raw materials (ingot billets, shot, waffle, hardeners, etc.)....	202.1	188.1	224.0	132.7
333232	Lead and lead-base alloys.....	3.1	0.9	3.3	0.8
333973	Magnesium and magnesium-base alloys.....	0.2	0.2	(²)	(²)
333971	Nickel and nickel-base alloys.....	6.7	12.3	7.0	11.5
333348	Zinc and zinc-base alloys.....	94.4	28.0	100.9	24.9
333909	Other nonferrous metals and alloys.....	2.8	6.6	(NA)	11.9
	Nonferrous metal scrap (excluding home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company.....	47.2	21.0	6.3	2.8
999810	From other sources, excluding home scrap.....				
999812	Copper and copper-base alloy.....	485.3	342.8	380.2	189.3
999814	Zinc and zinc-base alloy, including drosses and skimming.....	(²)	(²)	(²)	(²)
335200	Aluminum and aluminum-base alloy mill shapes (rod, bar, sheets, etc.).....	(²)	(²)	23.7	13.9
335100	Brass mill shapes (rod, bar, sheet, etc.).....	66.0	61.3	79.4	55.6
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	157.9	(X)	83.0
976000	Materials, parts, containers, and supplies, n.s.k. ³	(X)	58.7	(X)	44.6
	INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING ⁴				
	Materials, containers, and supplies, total.....	(X)	1,935.0	(X)	1,414.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	1,345.6	640.4	1,032.7	466.2
333405	Aluminum-base alloys.....	1,495.2	764.4	1,029.1	518.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(²)	(²)		
333113	Copper-base alloy raw materials (ingots, billets, shot, waffle, hardeners, etc.)..	(²)	(²)	22.4	13.2
333232	Lead and lead-base alloys.....	(²)	(²)	2.5	1.0
333973	Magnesium and magnesium-base alloys.....	31.3	20.2	15.3	10.8
333971	Nickel and nickel-base alloys.....	(²)	(²)	(NA)	(NA)
333348	Zinc and zinc-base alloys.....	(NA)	1.6	3.5	1.3
333909	Other nonferrous metals and alloys.....	18.7	8.0	(NA)	4.3
	Nonferrous mill shapes:				
335200	Aluminum and aluminum-base alloy mill shapes.....	145.3	89.7	143.4	90.2
335100	Brass mill shapes (rod, bar, sheet, etc.)	(NA)	1.6	6.8	6.8
	Nonferrous metal scrap (except home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company.....	144.9	62.7	102.0	25.6
999810	From other sources.....	105.8	43.8	104.0	39.9
999812	Copper and copper-base alloy.....	6.4	4.3	11.6	5.8
999814	Zinc and zinc-base alloy.....	(²)	(²)	(²)	(²)
970099	All other materials and components, parts, containers and supplies consumed.....	(X)	226.9	(X)	167.6
976000	Materials, containers, parts and supplies, n.s.k. ³	(X)	71.4	(X)	63.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963				
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)			
INDUSTRY 3356.--NONFERROUS ROLLING AND DRAWING, N.E.C. ⁴								
	Materials, containers, and supplies, total.....	(X)	596.7	(X)	368.4			
Nonferrous metals and alloys (ingot, pig, shot, etc.):								
333404	Aluminum, unalloyed.....	}	(²)	(²)	(²)			
333405	Aluminum-base alloys.....		(²)	(²)	(²)			
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....		8.9	7.1	5.9	3.7		
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.).....		58.0	19.1	44.4	14.4		
333232	Lead and lead-base alloys.....		(²)	(²)	15.1	7.9		
333973	Magnesium and magnesium-base alloys.....	43.5	81.3	(²)	(²)			
333971	Nickel and nickel-base alloys.....	38.3	10.0	51.1	11.6			
333348	Zinc and zinc-base alloys.....	(NA)	182.7	(NA)	96.6			
333909	Other nonferrous metals and alloys.....							
Nonferrous metal scrap (excluding home scrap):								
Aluminum and aluminum-base alloy:								
999809	From other establishments of your company.....	(²)	(²)	(²)	(²)			
999810	From all other sources (excluding home scrap).....	(²)	(²)	(²)	(²)			
999812	Copper and copper-base alloy.....	(²)	(²)	(²)	(²)			
999814	Zinc and zinc-base alloy, including drosses and skimming.....	(²)	(²)	(²)	(²)			
335100	Brass mill shapes (rod, bar, sheet, etc.).....	1.3	1.4	0.3	0.3			
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	236.2	(X)	200.4			
976000	Materials, parts, containers, and supplies, n.s.k. ³	(X)	58.9	(X)	32.4			
INDUSTRY 3357.--NONFERROUS WIREDRAWING, ETC.								
	Materials, containers, and supplies, total.....	(X)	2,232.5	(X)	1,405.4			
Wire bar:								
333473	Aluminum and aluminum-base alloy (million lbs.).....	(D)	(D)	(NA)	(NA)			
333125	Copper and copper-base alloy (million lbs.).....	943.2	389.8	(NA)	(NA)			
Nonferrous metal mill shapes and forms (except castings):								
Rods:								
335251	Aluminum and aluminum-base alloy (million lbs.).....	399.1	104.0	222.4	60.0			
335124	Copper, unalloyed (million lbs.).....	1,013.9	450.2	920.1	301.4			
335125	Copper-base alloy (million lbs.).....	140.7	61.3	185.5	62.0			
Wire for redrawing:								
335211	Aluminum and aluminum-base alloy (million lbs.).....	26.3	10.1	3.3	1.1			
335112	Copper and copper-base alloy (million lbs.).....	100.8	47.4	60.4	22.3			
335608	Other nonferrous metals (million lbs.).....	18.9	18.6	10.3	7.8			
Bare wire (except wire for redrawing):								
335725	Copper and copper-base alloy (electrical) (million lbs.).....	432.8	211.3	331.1	130.1			
335718	Aluminum and aluminum-base alloy (million lbs.).....	23.9	9.1	13.5	4.8			
All other mill shapes and forms:								
335109	Copper and copper-base alloy, including mechanical wire (million lbs.).....	30.6	23.6	40.9	22.6			
335207	Aluminum and aluminum-base alloy (million lbs.).....	95.5	36.6	13.8	4.6			
335609	All other nonferrous metal mill shapes (million lbs.).....	(NA)	8.8	(NA)	6.8			
335790	Insulated wire and cable for further processing (million lbs. (copper content))....	73.8	51.2	24.0	18.6			
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc., but excluding wire bar) (s. tons).....	(D)	(D)	}	428.2	249.4		
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardners, etc.) (s. tons)	(D)	(D)				(D)	(D)
999812	Copper and copper-base alloy scrap (s. tons).....	(D)	(D)				(D)	(D)
086111	Natural rubber (1,000 long tons).....	(D)	(D)				4.6	2.9
282202	Synthetic rubber (1,000 long tons).....	49.3	28.7				46.9	26.1
282101	Polyethylene plastics, all forms (million lbs.).....	263.7	61.0	198.8	57.9			
282101	Vinyl plastics, all forms (million lbs.).....	356.8	65.7	251.2	44.9			
228102	Cotton yards (million lbs.).....	8.3	6.5	12.6	9.7			
970099	All other materials and components, parts, containers and supplies consumed.....	(X)	518.7	(X)	330.5			
976000	Materials, containers, parts, and supplies, n.s.k. ^{3 5}	(X)	129.9	(X)	42.0			

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3361.--ALUMINUM CASTINGS				
	Materials, parts, containers, and supplies, total.....	(X)	347.2	(X)	262.0
331051	Pig iron (excluding silvery iron).....	(NA)	(²)	2.9	0.2
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	28.2	14.3	22.0	10.1
333405	Aluminum-base alloys.....	378.4	176.4	338.5	147.7
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	(²)	(²)	0.7	0.4
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	9.6	8.5	8.7	5.3
333348	Zinc and zinc-base alloys.....	59.5	19.0	49.6	13.8
333973	Magnesium and magnesium-base alloys.....	3.9	2.5	3.9	2.4
331312	Ferromanganese.....	}	(NA)	0.7	0.3
331309	Other ferroalloys, including silvery iron.....				
	Scrap (purchased scrap only):				
999811	Iron and steel.....	2.4	0.2	2.1	0.1
999808	Aluminum and aluminum-base alloy.....	36.2	9.7	18.7	5.6
999812	Copper and copper-base alloy.....	(NA)	0.9	0.6	0.3
144503	Sand.....	(NA)	3.4		
325501	Clay refractories.....	(NA)	0.2	(NA)	(NA)
329701	Nonclay refractories.....	(NA)	0.2		
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	79.5	(X)	52.1
976000	Materials, parts, components, and supplies, n.s.k. ³	(X)	31.9	(X)	23.6
	INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS				
	Materials, parts, containers, and supplies, total.....	(X)	196.6	(X)	132.1
331051	Pig iron (excluding silvery iron).....	7.2	0.5	3.9	0.3
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	8.0	4.3	1.6	0.7
333405	Aluminum-based alloys.....	23.8	12.0	8.1	3.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	16.6	13.0	13.2	8.1
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	72.8	68.0	73.4	43.5
333348	Zinc and zinc-base alloys.....	1.8	0.5	1.3	0.3
333973	Magnesium and magnesium-base alloys.....	0.4	0.2	0.1	(Z)
331213	Ferromanganese.....	}	(2)	3.3	1.9
331309	Other ferroalloys, including silvery iron.....				
	Scrap:				
999811	Iron and steel purchased scrap.....	26.2	1.0	6.4	0.3
	Nonferrous metal scrap:				
999808	Aluminum and aluminum-base alloy.....	1.1	0.5	0.2	0.1
999812	Copper and copper-base alloy.....	52.9	36.5	52.3	26.1
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	338.3	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k. ³	(X)	21.8	(X)	15.8
	INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.				
	Materials, parts, containers, and supplies, total.....	(X)	181.2	(X)	104.6
331051	Pig iron (excluding silvery iron).....	(2)	(2)	(2)	(2)
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed.....	10.1	6.6		
333405	Aluminum-base alloy.....	21.9	10.2	24.5	11.6
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.).....	0.3	0.3		
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)...	1.7	1.7	1.7	1.3
333348	Zinc and zinc-base alloys.....	178.3	57.4	132.1	35.0
333973	Magnesium and magnesium-base alloys.....	5.3	4.7	5.2	3.4
331312	Ferromanganese.....	-	-	4.6	1.0
331309	Other ferroalloys, including silvery iron.....	18.5	3.6		
	Scrap (purchased scrap only):				
999811	Iron and steel.....	(NA)	0.2	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	(2)	(2)	0.1	(Z)
999812	Copper and copper-base alloy.....	(2)	(2)	(2)	(Z)
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	61.9	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k. ³	(X)	34.6	(X)	15.8

Note: For 1963, materials consumed data for industries 3351, Copper rolling and drawing, and 3357, Nonferrous wire drawing, etc., were published separately by subindustry. For 1967, such data were not separately tabulated. Subindustry data for 1963 appear in Volume II, 1963 Census of Manufactures, in Table 7A.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹Data exclude tonnages of copper materials processed on a toll basis. Most of the material involved in toll processing is owned by establishments classified in other industries, principally industry 3357, Nonferrous Wire Drawing, etc. As table 6A shows unalloyed copper rod, bar, and shapes (product code 3351211) is, by far, the most important mill product produced on a toll basis.

²Included with material code 970099, "all other materials and components, parts, containers, and supplies, consumed." To avoid disclosing operations of individual companies.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁴Data exclude tonnages of nonferrous materials processed on a toll basis.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3391.--IRON AND STEEL FORGINGS					
	Materials, containers, and supplies, total.....		(X)	589.2	(X)	408.3
	Carbon steel:					
331041	Ingots.....	1,000 short tons	116.8	15.3	12.5	1.5
331042	Blooms, billets, and slabs.....	...do.....	379.7	52.5	378.1	52.9
331043	Bars.....	...do.....	933.9	145.7	577.9	96.5
	Alloy steel (except stainless):					
331044	Ingots.....	...do.....	16.2	3.8	19.0	4.2
331045	Blooms, billets, and slabs.....	...do.....	225.5	68.5	182.2	53.9
331046	Bars.....	...do.....	414.9	100.7	351.5	85.2
	Stainless steel:					
331047	Ingots.....	...do.....	0.3	0.5	1.0	1.4
331048	Blooms, billets, and slabs.....	...do.....	13.6	15.6	7.8	8.7
331049	Bars.....	...do.....	6.0	7.7	6.3	7.4
	Aluminum and aluminum-base alloy:					
333471	Ingot.....	...do.....	0.5	0.4	(¹)	(¹)
335208	Mill shapes.....	Million lbs....	4.5	2.3	3.1	1.9
	Titanium and titanium-base alloy:					
335600	Ingot.....	...do.....	17.8	42.4	3.9	10.9
335601	Mill shapes.....	...do.....				
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	78.7	(X)	68.7
976000	Materials, n.s.k. ³		(X)	55.1	(X)	15.0
	INDUSTRY 3392.--NONFERROUS FORGINGS					
	Materials, containers, and supplies, total.....		(X)	161.2	(X)	85.3
	Carbon steel:					
331041	Ingots.....	1,000 short tons	37.2	18.7	23.8	13.1
331042	Blooms, billets, and slabs.....	...do.....				
331043	Bars.....	...do.....				
	Alloy steel (except stainless):					
331044	Ingots.....	...do.....	37.2	18.7	23.8	13.1
331045	Blooms, billets, and slabs.....	...do.....				
331046	Bars.....	...do.....				
	Stainless steel:					
331047	Ingots.....	...do.....	37.2	18.7	23.8	13.1
331048	Blooms, billets, and slabs.....	...do.....				
331049	Bars.....	...do.....				
335129	Copper and copper-base alloy forging stock.....	Million lbs....	18.2	8.5	(NA)	(NA)
	Aluminum and aluminum-base alloy:					
333471	Ingots.....	1,000 short tons	(¹)	(¹)	(¹)	(¹)
335208	Mill shapes.....	Million lbs....	88.3	46.8	66.8	26.1
	Titanium and titanium-base alloy:					
335600	Ingots.....	...do.....	2.9	9.2	1.5	5.0
335601	Mill shapes.....	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	73.9	(X)	40.3
976000	Materials, n.s.k. ²		(X)	4.1	(X)	0.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^cFrom 10 to 30 percent of this figure was estimated.

¹The value for this material is included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing operations of individual companies.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3411.--METAL CANS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	1,713.4	(X)	1,212.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331018	Tinplate, terneplate and blackplate ¹	1,000 short tons.	5,323.4	1,170.6	4,611.4	938.8
331011	Bars and bar shapes.....	...do.....	(NA)	8.1	11.3	2.8
331012	Sheet and strip.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel (except stainless).....	...do.....	(NA)	2.0	0.3	0.2
331031	Stainless steel mill shapes and forms.....	...do.....				
	Aluminum and aluminum-base alloy: ¹					
335202	Sheet, plate, and foil.....	Million lbs.....	456.3	157.8	115.2	35.4
335209	All other aluminum mill shapes and forms (wire, rod, extruded shapes, etc.).....	...do.....				
285101	Paints, varnishes, lacquers, japans, and enamels.....	1,000 gal.....	21,738.6	55.1	15,657.0	39.4
260091	Paper and paperboard containers, including corrugated boxes.....	.....	(X)	44.0	(X)	33.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	257.1	(X)	151.5
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	18.7	(X)	11.2
	INDUSTRY 3421.--CUTLERY					
	Materials, parts, containers, and supplies, total.....	.....	(X)	94.4	(X)	64.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	3.5	0.6	4.3	0.8
331012	Sheet and strip.....	...do.....	13.1	4.0	14.2	5.4
331013	Plates.....	...do.....	-	-	(³)	(³)
331017	Wire and wire products.....	...do.....	0.9	0.2	0.3	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....			³ 2.4	³ 0.5
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	1.3	0.5	0.4	0.2
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....	5.5	8.5	6.7	6.4
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.4	1.2	3.8	1.7
335123	Plate, sheet, and strip (including military cups and discs).	...do.....			0.3	0.3
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil.....	...do.....	2.2	1.3	2.8	1.2
335209	All other aluminum mill shapes and forms.....	...do.....				
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	1,000 short tons.	0.6	0.4	0.7	0.4
332300	Steel.....	...do.....	(Z)	(Z)	0.1	0.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.1	0.1	(Z)	(Z)
339100	Iron and steel forgings ⁴	1,000 short tons.	1.5	0.9	0.2	0.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	71.2	(X)	42.8
976000	Materials, parts, containers and supplies, n.s.k. ².....	.....	(X)	5.5	(X)	4.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3423.--HAND AND EDGE TOOLS, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	245.6	(X)	162.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	89.6	19.7	91.7	17.2
331012	Sheet and strip.....	...do.....	64.5	14.6	60.1	11.8
331013	Plates.....	...do.....			1.0	0.2
331017	Wire and wire products.....	...do.....	⁵ 10.4	⁵ 2.5	4.8	1.5
331019	All other carbon steel mill shapes and forms.....	...do.....			4.7	1.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	48.5	16.5	37.3	10.2
331029	All other alloy steel mill shapes and forms.....	...do.....			3.4	2.0
331031	Stainless steel.....	...do.....			0.5	0.6
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.1	1.6	0.9	0.5
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.4	0.3	0.4	0.3
335127	Pipe and tube.....	...do.....	(⁶)	(⁶)	0.8	0.6
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil.....	...do.....	4.5	2.8	3.3	1.3
335209	All other aluminum mill shapes and forms.....	...do.....			1.2	0.7
	Castings (rough and semifinished): ⁷					
332011	Iron (gray and malleable).....	1,000 short tons.	16.8	10.3	15.4	8.8
332300	Steel.....	...do.....	5.1	4.3	1.9	1.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.2	3.6	3.2	2.2
339100	Iron and steel forgings ⁸	1,000 short tons.	(NA)	18.9	8.1	7.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	100.8	(X)	68.0
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	49.7	(X)	26.3
INDUSTRY 3425.--HANDSAWS AND SAW BLADES						
	Materials, parts, containers, and supplies, total.....		(X)	49.9	(X)	32.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	6.9	6.6	8.0	5.2
331013	Plates.....	...do.....	1.3	0.7	0.8	0.2
331011	Bars and bar shapes.....	...do.....	4.9	1.5	3.6	1.4
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	14.4	20.1	10.4	12.8
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....			(Z)	(Z)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	15.9	(X)	12.1
973000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	5.1	(X)	1.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3429.--HARDWARE, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	855.9	(X)	654.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	103.1	19.2	89.4	16.4
331012	Sheet and strip.....	...do.....	746.1	124.5	635.2	111.3
331013	Plates.....	...do.....	(³)	(³)	3.9	0.6
331017	Wire and wire products.....	...do.....	101.0	20.8	91.3	19.7
331019	All other carbon steel mill shapes and forms.....	...do.....	⁹ 348.4	⁹ 312.5	14.7	4.9
331020	Alloy steel (except stainless).....	...do.....	7.6	2.9	3.6	1.6
331031	Stainless steel.....	...do.....	43.1	42.7	37.9	37.3
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	2.4	1.8	(⁶)	(⁶)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	26.2	12.8	22.8	10.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	30.1	18.3	30.8	17.6
335127	Pipe and tube.....	...do.....	(⁶)	(⁶)	2.0	1.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	29.4	13.0	25.1	11.3
335205	Extruded shapes.....	...do.....	18.2	8.7	16.3	7.8
335209	All other aluminum mill shapes and forms.....	...do.....	2.7	1.4	8.4	4.4
	Primary metals:					
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	8.9	7.7	7.4	4.8
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	127.2	39.5	119.7	33.8
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	3.9	1.9	4.4	2.4
339915	Metal powders.....	Million lbs.....	(⁶)	(⁶)	(NA)	(NA)
	Castings (rough and semifinished): ¹⁰					
332011	Iron (gray and malleable).....	1,000 short tons.	55.1	24.6	58.9	20.4
332300	Steel.....	...do.....	8.3	5.1	4.2	2.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.8	4.9	5.3	3.4
336200	Copper and copper-base alloy.....	...do.....	11.3	9.6	(NA)	5.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	383.4	(X)	291.8
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	100.6	(X)	44.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ⁶From 10 to 30 percent of this figure was estimated.

¹Data on the tonnage of tinplate, terneplate, blackplate and aluminum consumed in the production of cans constructed wholly of metal are published in Current Industrial Reports Series M34D, Metal Cans. The consumption total reported in the census of manufactures also includes such metal consumed in the production of secondary products.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³Material code 331013, carbon steelplate is combined with material code 331019, all other carbon steel mill shapes and forms.

⁴Does not include castings or forgings produced and consumed in the same establishment.

⁵These figures are understated by \$2 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁶Included with material code 970099, All other materials and components, etc.

⁷No data are available for castings produced and consumed in the same establishment.

⁸In 1967, 6.2 thousand short tons of iron and steel forgings were produced and consumed in the same establishment. The comparable figure for 1963 is 3.8 thousand short tons.

⁹These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

¹⁰In addition there were 3.5 and 2.7 thousand short tons of iron castings produced and consumed in the same establishment for 1967 and 1963 respectively. In 1963, 2.2 million pounds of aluminum castings were produced and consumed. Data on aluminum, steel, and copper castings produced and consumed for 1967 are not available. Also, no data are available for quantities of steel and copper castings produced and consumed in the same establishment in 1963.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3431.—METAL SANITARY WARE					
	Materials, parts, containers, and supplies, total.....		(X)	84.6	(X)	77.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	41.2	7.4	55.7	0.9
331012	Sheet and strip.....	do.				8.7
331013	Plates.....	do.				2.2
331019	All other carbon steel mill shapes and forms.....	do.				0.4
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.	7.1	6.6	4.8	1.1
331029	All other alloy steel mill shapes and forms.....	do.				-
331031	Stainless steel mill shapes and forms.....	do.				6.5
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. copper content..	-	-	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(1)	(1)	2.9	1.4
335123	Plate, sheet, and strip, including military cups and discs..	do.				
335127	Pipe and tube.....	do.				
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes, rod, pipe, etc.....	do.	0.4	0.2	(1)	(1)
335209	All other aluminum mill shapes and forms (wire, rolled rod, sheet, plate, foil, etc.).....	do.				
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	45.0	2.7	75.8	4.8
333401	Aluminum and aluminum-base alloy refinery shapes, (ingot, slugs, etc.).....	do.	(Z)	(Z)	(1)	(1)
333122	Copper and copper-base alloy refinery shapes.....	do.	(1)	(1)	(1)	(1)
	Scrap (excluding home scrap):					
999811	Iron and steel.....	do.	196.2	7.0	217.4	7.7
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable) ³	do.	(1)	(1)	5.1	1.7
332300	Steel.....	do.	(1)	(1)	(1)	(1)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(1)	(1)	(1)	(1)
336200	Copper and copper-base alloy.....	do.	(1)	(1)	(1)	(1)
339100	Iron and steel forgings ²	1,000 short tons.	-	-	(1)	(1)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.2	(X)	42.4
976000	Materials, n.s.k. ³		(X)	15.5	(X)	3.6
	INDUSTRY 3432.—PLUMBING FITTINGS AND BRASS GOODS					
	Materials, parts, containers, and supplies, total.....		(X)	194.5	(X)	156.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	7.3	2.3	8.2	4.3
331013	Plates.....	do.				1.1
331019	All other carbon steel mill shapes and forms.....	do.				0.2
	Alloy steel (except stainless):					2.2
331021	Bars and bar shapes.....	do.	7.3	2.3	0.3	(Z)
331029	All other alloy steel mill shapes and forms.....	do.				
331031	Stainless steel mill shapes and forms.....	do.				1.9
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content).	(1)	(1)	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	64.0	27.8	47.3	21.1
335123	Plate, sheet, and strip (including military cups and discs)..	do.	7.4	4.5	10.2	4.4
335127	Pipe and tube.....	do.	23.6	15.0	33.0	15.8
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes, rod, bar, etc.....	do.	(NA)	0.2	0.7	(Z)
335209	All other aluminum mill shapes and forms (wire, rolled, bar, sheet, plate, foil, etc.).....	do.				0.4	(Z)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3432.--PLUMBING FITTINGS AND BRASS GOODS--Continued					
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	-	-	(¹)	(¹)
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	(Z)	(Z)	(¹)	(¹)
333122	Copper and copper-base alloy refinery shapes.....	...do.....	(NA)	16.4	30.5	13.7
	Scrap (excluding home scrap):					
999811	Iron and steel.....	...do.....	(¹)	(¹)	-	-
999808	Aluminum and aluminum-base alloy.....	...do.....	(¹)	(¹)	(¹)	(¹)
999812	Copper and copper-base alloy.....	...do.....	(¹)	(¹)	6.8	3.4
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	...do.....	3.1	1.2	4.0	1.1
332300	Steel.....	...do.....	(¹)	(¹)	(¹)	(¹)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(¹)	(¹)	(¹)	(¹)
336200	Copper and copper-base alloy.....	...do.....	30.6	19.3	19.4	10.1
339100	Iron and steel forgings ⁴	1,000 short tons.	-	-	(¹)	(¹)
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	88.1	(X)	69.2
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ^{4 3}.....	.....	(X)	19.7	(X)	12.3
	INDUSTRY 3433.--HEATING EQUIPMENT, EXCEPT ELECTRIC					
	Materials, parts, containers, and supplies, total.....	.....	(X)	477.5	(X)	470.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	11.5	2.4	11.3	2.0
331012	Sheet and strip.....	...do.....	325.5	52.1	371.6	59.3
331013	Plates.....	...do.....	61.5	11.5	49.3	7.0
331015	Structural shapes.....	...do.....	8.1	1.9	3.0	0.6
331017	Wire and wire products.....	...do.....	(NA)	1.7	1.7	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	11.7	2.6	15.1	3.8
331020	Alloy steel (except stainless).....	...do.....	(NA)	0.9	8.3	2.9
331031	Stainless steel.....	...do.....	4.5	5.3	2.9	3.4
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	6.3	4.1	2.5	1.0
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	(NA)	2.2	1.8	1.1
335127	Pipe and tube.....	...do.....	25.2	14.5	13.4	8.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	14.0	5.8	16.8	6.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, etc.).....	...do.....	4.5	2.1	1.5	0.6
331051	Pig iron.....	1,000 short tons.	40.8	2.5	61.2	3.8
999811	Iron and steel scrap (excluding home scrap).....	...do.....	117.7	4.4	101.6	3.7
	Casting (rough and semifinished): ⁵					
332011	Iron (gray and malleable).....	...do.....	33.5	16.2	31.2	10.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.9	3.2	3.9	2.9
336200	Copper and copper-base alloy.....	...do.....	3.3	2.5	1.7	1.2
	Electric motors and generators: ⁵					
	Fractional horsepower electric motors (under 1 hp.)					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	1,505.5	15.9	718.7	8.1
362115	Other fractional horsepower electric motors.....	...do.....	1,201.1	15.8	1,566.7	17.9
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	42.5	3.0	24.3	1.7
	Bearings:					
356218	Ball.....	.....	(X)	(¹)	}	(X) 0.5
356201	Roller.....	.....	(X)	-		
970099	All other materials and components, parts, containers, and supplies.....	.....	(X)	223.4	(X)	264.3
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ³.....	.....	(X)	83.5	(X)	57.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated. (Z) Less than half the unit of measure specified.

¹Included with material code 970099, "All other materials and components...." to avoid disclosing figures for individual companies.

²Data are not available for castings or forgings produced and consumed in the same establishment except for iron castings which totaled 182.0 thousand short tons in 1967 and 187.5 thousand short tons in 1963.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

⁴No data are available for castings or forgings produced and consumed in the same establishment.

⁵No data are available for castings or electric motors and generators produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3441.--FABRICATED STRUCTURAL STEEL						
	Materials, containers, parts, and supplies, total.....		(X)	1,330.8	(X)	947.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331009	Concrete reinforcing bars.....	1,000 short tons.	353.2	43.6	248.8	27.9
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....	376.4	59.9	362.0	53.2
331012	Sheet and strip.....	...do.....	377.3	64.6	311.5	48.4
331013	Plates.....	...do.....	1,047.2	162.2	969.6	143.0
331015	Structural shapes.....	...do.....	2,959.6	475.5	2,432.4	354.6
331017	Wire and wire products.....	...do.....	50.5	9.6	37.1	6.1
331019	All other carbon steel mill shapes and forms.....	...do.....	¹ 164.7	¹ 30.3	157.4	30.7
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	23.9	5.0	9.9	1.7
331029	All other alloy steel mill shapes and forms.....	...do.....	10.1	3.0	30.8	7.4
331031	Stainless steel.....	...do.....	4.9	5.7	3.2	4.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.3	0.1	0.1
335123	Plate, sheet, and strip, (including military cups and discs)...	...do.....			0.3	0.3
335127	Pipe and tube.....	...do.....			2.3	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	22.3	11.6	11.6	6.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	28.0	13.9	10.2	4.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			3.4	1.8
	Primary metals (ingot, pig, etc.):					
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(²)	(²)	(²)	(²)
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	(NA)	0.9	(²)	(²)
	Scrap (excluding home scrap):					
999811	Iron and steel.....	...do.....	(NA)	1.2	10.7	0.5
999808	Aluminum and aluminum-base alloy.....	...do.....	(NA)	0.1	(NA)	(Z)
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	4.4	1.7	3.7	1.0
332300	Steel.....	...do.....	64.9	18.1	20.8	8.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(²)	(²)	2.5	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	196.4	(X)	144.7
976000	Materials, etc., n.s.k. ⁴		(X)	226.2	(X)	99.9
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM						
	Materials, containers, parts, and supplies, total.....		(X)	704.2	(X)	628.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331009	Concrete reinforcing bars.....	1,000 short tons.	9.1	1.8	30.5	4.6
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....				
331012	Sheet and strip.....	...do.....				
331013	Plates.....	...do.....				
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	22.0	14.1	4.5	1.1
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....			7.6	7.8
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.5	0.3	0.3	0.2
335127	Pipe and tube.....	...do.....	(²)	(²)		
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	1.3	0.8		
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	164.0	62.8	68.5	26.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	289.1	116.0	334.5	128.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	14.4	7.1	52.3	19.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3442.--METAL DOORS, SASH, AND TRIM--Continued						
Primary metals (ingot, pig, etc.):						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	108.4	55.7	87.1	38.8
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	0.1	0.1	0.5	0.3
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	(²)	(²)	(²)	(²)
999808	Aluminum and aluminum-base alloy.....	...do.....	(²)	(²)	7.0	2.7
Castings (rough and semifinished): ³						
332011	Iron (gray and malleable).....	...do.....	2.6	1.4	1.2	0.6
332300	Steel.....	...do.....	34.7	5.6	2.1	0.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	23.8	10.7	7.3	3.4
321101	Flat glass.....	.....	(X)	40.7	}	165.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	124.0		
976000	Materials, etc., n.s.k. ⁴.....	.....	(X)	214.6		
INDUSTRY 3443.--FABRICATED PLATEWORK (BOILER SHOPS)						
Materials, containers, parts, and supplies, total.....			(X)	1,163.7	(X)	755.3
Mill shapes and forms (except castings):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons..	19.7	3.4	6.0	0.8
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....	89.6	15.1	67.2	11.4
331012	Sheet and strip.....	...do.....	449.7	69.6	377.3	56.6
331013	Plates.....	...do.....	1,652.8	248.7	1,500.8	215.8
331015	Structural shapes.....	...do.....	176.7	28.9	165.3	24.8
331017	Wire and wire products.....	...do.....	9.7	2.9	11.8	2.3
331019	All other carbon steel mill shapes and forms.....	...do.....	¹ 292.5	¹ 85.0	149.8	43.1
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	26.8	10.0	4.7	1.7
331029	All other alloy steel mill shapes and forms.....	...do.....	127.1	59.0	105.7	38.1
331031	Stainless steel.....	...do.....	38.9	46.6	22.8	33.0
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.9	3.3	0.5	0.3
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	6.9	5.6	4.9	3.9
335127	Pipe and tube.....	...do.....	(²)	(²)	16.0	8.7
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	26.1	12.2	18.7	10.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	4.2	2.3	2.0	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.5	2.6	1.1
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	92.8	3.4	32.3	1.3
Castings (rough and semifinished): ³						
332011	Iron (gray and malleable).....	...do.....	(²)	(²)	7.4	2.7
332300	Steel.....	...do.....	(NA)	23.6	8.9	5.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.5	2.1	(NA)	0.3
321101	Flat glass.....	.....	(X)	1.6	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	303.9	(X)	217.0
976000	Materials, etc., n.s.k. ⁴.....	.....	(X)	236.0	(X)	75.6
INDUSTRY 3444.--SHEET METALWORK						
Materials, containers, parts, and supplies, total.....			(X)	794.9	(X)	562.4
Mill shapes and forms (except casting):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons.	}	78.3	{	1.6
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....				
331012	Sheet and strip.....	...do.....				
331013	Plates.....	...do.....	1,398.8	245.1	1,077.9	185.0
331015	Structural shapes.....	...do.....	53.0	8.4	84.0	11.9
331017	Wire and wire products.....	...do.....	40.4	6.5	35.0	5.9
331019	All other carbon steel mill shapes and forms.....	...do.....	}	⁵ 54.2	{	2.6
				⁵ 10.6		16.5
						3.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3444.--SHEET METALWORK--Continued						
331021	Alloy steel (except stainless):					
331029	Bars and bar shapes.....	1,000 short tons.	28.6	20.7	1.0	0.3
	All other alloy steel mill shapes and forms.....	...do.....			28.5	6.1
331031	Stainless steel.....	...do.....			14.4	18.6
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.0	0.3	0.1
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	(NA)	4.0	13.2	6.8
335127	Pipe and tube.....	...do.....	(2)	(2)	1.9	0.8
Aluminum and aluminum base-alloy:						
335202	Sheet, plate, and foil.....	...do.....	199.8	74.2	119.0	58.5
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	33.0	14.7	19.2	8.5
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			40.8	16.8
Primary metals:						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 s. tons....	(2)	(2)	1.2	0.6
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	(2)	(2)	2.9	0.7
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	(2)	(2)	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	...do.....	(2)	(2)	(2)	(2)
Castings (rough and semifinished): ³						
332011	Iron (gray and malleable).....	...do.....	(NA)	0.8	1.1	0.9
332300	Steel.....	...do.....	(NA)	11.5	0.7	0.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	4.1	0.5	0.4
321101	Flat glass.....	Million sq. feet.	(NA)	0.7	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	163.5	(X)	106.2
976000	Materials, etc., n.s.k. ⁴.....	.....	(X)	217.6	(X)	122.7
INDUSTRY 3446---ARCHITECTURAL METALWORK						
Materials, containers, parts, and supplies, total.....			(X)	222.1	(X)	99.9
Mill shapes and forms (except castings):						
Carbon steel:						
331009	Concrete reinforcing bars.....	1,000 short tons.	(6)	(6)	1.8	0.2
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....	66.8	11.9	44.4	7.8
331012	Sheet and strip.....	...do.....	512.9	68.0	79.2	12.6
331013	Plates.....	...do.....	(6)	(6)	19.1	3.0
331015	Structural shapes.....	...do.....	63.1	10.6	36.6	6.1
331017	Wire and wire products.....	...do.....	(6)	(6)	3.7	0.8
331019	All other carbon steel mill shapes and forms.....	...do.....	696.5	615.8	15.6	3.1
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	15.2	3.3	1.3	0.3
331029	All other alloy steel mill shapes and forms.....	...do.....			0.6	0.4
331031	Stainless steel.....	...do.....			0.7	0.8
Copper and copper-base alloy:						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	4.5	0.7	1.7
335127	Pipe and tube.....	...do.....			0.4	0.3
335123	Plate, sheet, and strip, including military cups and discs...	...do.....				
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	(7)	(7)	5.2	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	37.0	16.2	17.5	7.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	719.7	79.7	2.0	1.3
Primary metals:						
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(2)	(2)	1.7	0.8
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....	(2)	(2)	(2)	(2)
Scrap (excluding home scrap):						
999811	Iron and steel.....	...do.....	(2)	(2)	(2)	(2)
999808	Aluminum and aluminum-base alloy.....	...do.....	(2)	(2)	(2)	(2)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)							
Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
INDUSTRY 3446.--ARCHITECTURAL METALWORK--Continued							
Castings (rough and semifinished): ³							
332011	Iron (gray and malleable).....	1,000 short tons.	(²)	(²)	2.1	0.7	
332300	Steel.....	...do.....	(²)	(²)	(NA)	0.4	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(²)	(²)	1.7	0.8	
321101	Flat glass.....	Million sq. feet.	(²)	(²)	(NA)	(NA)	
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	39.3	(X)	27.0
976000	Materials, etc., n.s.k. ⁴.....	.....	(X)	42.8	(X)	21.3
INDUSTRY 3449.--MISCELLANEOUS METALWORK							
Materials, containers, parts, and supplies, total.....							
			(X)	551.4	(X)	360.4	
Mill shapes and forms (except castings):							
Carbon steel:							
331009	Concrete reinforcing bars.....	1,000 short tons.	1,009.4	114.4	972.9	102.4	
331010	Bars and bar shapes (except concrete reinforcing bars).....	...do.....	323.3	45.5	222.6	32.1	
331012	Sheet and strip.....	...do.....	645.3	115.6	430.7	72.7	
331013	Plates.....	...do.....	105.0	18.5	63.1	9.4	
331015	Structural shapes.....	...do.....	176.0	25.9	79.6	12.8	
331017	Wire and wire products.....	...do.....	58.3	10.3	60.8	9.3	
331019	All other carbon steel mill shapes and forms.....	...do.....			24.9	4.2	
Alloy steel (except stainless):							
331021	Bars and bar shapes.....	...do.....	6.6	2.8	3.3	0.7	
331029	All other alloy steel mill shapes and forms.....	...do.....			10.1	2.0	
331031	Stainless steel.....	...do.....			0.9	1.3	
Copper and copper-base alloy:							
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.5	0.3	(NA)	0.4	
335127	Pipe and tube.....	...do.....	(NA)	0.3			
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	(NA)	1.6			
Aluminum and aluminum-base alloy:							
335202	Sheet, plate, and foil.....	...do.....	30.8	12.5	27.3	11.0	
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	21.2	10.2	18.2	8.0	
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			0.6	0.3	
Primary metals:							
333401	Aluminum and aluminum-base alloy refinery shapes (ingot, slugs, billet, etc.).....	1,000 short tons.	(2)	(2)	-	-	
333348	Zinc and zinc-base alloy refinery shapes.....	...do.....			(2)	(2)	
Scrap (excluding home scrap):							
999811	Iron and steel.....	...do.....	393.5	6.6	(2)	(2)	
Castings (rough and semifinished): ³							
332011	Iron (gray and malleable).....	...do.....	1.1	0.5	1.8	0.6	
332300	Steel.....	...do.....	(2)	(2)	(2)	(2)	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	0.6	0.5	0.5	
321101	Flat glass.....	.....	(X)	1.2	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	100.9	(X)	49.4
976000	Materials, etc., n.s.k. ⁴.....	.....	(X)	83.7	(X)	43.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (Z) Less than \$50 thousand.

¹These figures are understated by \$5 to \$10 million because of apparent undercoverage of carbon steel pipe and tube.

²Included with material code 970099, "All other materials and components, etc.,"

³No data are available for the quantities of castings produced and consumed in the same establishment.

⁴This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁵These items are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁶Data for material codes 331009, 331013, and 331017 are included with material code 331019, All other carbon steel mill shapes and forms

⁷Data for material code 335202 is included with material code 335209, All other aluminum mill shapes and forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3451.--SCREW MACHINE PRODUCTS					
	Materials, parts, containers, and supplies, total.....		(X)	316.1	(X)	183.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	328.2	85.0	225.6	55.7
331012	Sheet and strip.....	...do.....	11.1	2.3	2.9	0.6
331017	Wire and wire products.....	...do.....	12.0	2.8	4.8	1.1
331013	Plates.....	...do.....	0.6	0.2	0.4	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....	7.7	1.6	3.3	1.0
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	28.3	9.3	17.3	6.1
331029	All other alloy steel mill shapes and forms.....	...do.....	(NA)	1.4	1.0	0.9
331031	Stainless steel mill shapes and forms.....	...do.....	11.5	17.0	6.3	8.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	13.4	8.0	2.9	1.3
334102	Rod, bar, and mechanical wire.....	...do.....	84.4	41.6	79.8	30.1
335123	Plate, sheet, and strip.....	...do.....	0.3	0.7	(Z)	0.1
335127	Pipe and tube.....	...do.....	4.5	2.3	1.6	0.7
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	5.9	3.9	0.3	0.2
335205	Extruded shapes.....	...do.....	18.0	12.0	7.3	4.7
335209	All other aluminum mill shapes and forms.....	...do.....	7.4	5.2	3.8	2.6
	Castings (rough and semifinished): ¹					
332300	Steel castings.....	1,000 short tons.	3.7	2.8	3.1	1.5
307902	Plastic rods, tubes, and other shapes.....		(NA)	0.6	(NA)	0.6
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	65.2	(X)	37.7
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	54.2	(X)	30.3
	INDUSTRY 3452.--BOLTS, NUTS, RIVETS, AND WASHERS					
	Materials, parts, containers, and supplies, total.....		(X)	556.3	(X)	433.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	329.5	57.4	304.0	51.1
331012	Sheet and strip.....	...do.....	184.9	35.3	131.1	23.3
331013	Plates.....	...do.....	34.0	4.3	21.9	2.4
331017	Wire and wire products.....	...do.....	666.6	136.6	653.9	128.0
331019	All other carbon steel mill shapes and forms.....	...do.....	41.8	7.9	48.7	10.9
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	58.2	17.3	51.8	14.1
331029	All other alloy steel mill shapes and forms.....	...do.....	51.2	17.5	48.9	15.3
331031	Stainless steel mill shapes and forms.....	...do.....	15.0	21.2	15.3	20.5
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Millions of lbs...	3.9	2.9	³ 0.5	³ 0.6
335102	Rod, bar, and mechanical wire.....	...do.....	52.3	36.6	33.6	18.1
335127	Pipe and tube.....	...do.....				
335123	Sheet, plate, and strip.....	...do.....			13.7	7.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	32.8	16.1	2.4	1.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			2.2	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			11.5	7.1
332300	Steel castings (rough and semifinished) ⁴	1,000 short tons..	4.6	3.6	6.9	4.3
307902	Plastic rods, tubes, and other shapes.....		(X)	132.8	(X)	0.7
970099	All other materials and components, parts, containers, and supplies consumed.....				(X)	100.6
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	66.8	(X)	27.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3461.--METAL STAMPINGS					
	Materials, parts, containers, and supplies, total.....		(X)	2,625.8	(X)	⁵ 2,076.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons	145.8	33.9	111.7	19.0
331012	Sheet and strip.....	...do.....	8,191.3	1,300.1	⁵⁷ 323.2	⁵¹ 1,079.4
331013	Plates.....	...do.....	133.8	19.9	106.3	15.0
331015	Structural shapes.....	...do.....	9.6	3.0	14.5	2.9
331017	Wire and wire products.....	...do.....	73.2	15.3	⁵ 51.2	⁵ 9.9
331018	Tinplate, terne plate, and black plate.....	...do.....	498.3	99.9	457.2	89.2
331019	All other carbon steel mill shapes and forms.....	...do.....	⁶ 37.9	⁶ 8.4	35.2	7.4
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	11.5	4.6	4.6	3.0
331029	All other alloy steel mill shapes and forms.....	...do.....	143.1	35.4	95.2	24.0
331031	Stainless steel.....	...do.....	85.3	96.6	67.0	74.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	4.0	3.7	2.1	1.2
335102	Rod, bar, and mechanical wire.....	...do.....	8.4	3.9	19.0	7.7
335123	Plate, sheet, and strip.....	...do.....	35.5	28.2	62.6	33.9
335127	Pipe and tube.....	...do.....	(⁷)	(⁷)	3.5	2.9
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	248.1	115.3	212.4	92.3
335205	Extruded shapes.....	...do.....	37.1	19.4	24.4	12.1
335209	All other aluminum mill shapes and forms.....	...do.....	5.7	2.9	9.8	4.6
333348	Zinc and zinc-base alloy refinery shapes.....	1,000 short tons	10.3	3.3	12.1	3.5
	Castings (rough and semifinished): ⁸					
332011	Iron (gray and malleable).....	...do.....	(⁹)	(⁹)	⁵ 32.4	⁵ 9.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	10.7	6.2	1.4	1.1
336200	Copper and copper-base alloy.....	...do.....	22.8	16.9	1.8	0.9
282140	Thermosetting resins.....	Million lbs. dry basis.....	9.9	2.9	43.2	7.7
282130	Thermoplastic resins.....	...do.....	55.4	13.6	47.4	9.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	556.0	(X)	⁵ 455.0
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	236.4	(X)	109.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ⁶From 10 to 30 percent of this figure was estimated.

¹In 1967 there were, in addition 5.5 thousand short tons of steel castings produced and consumed in the same establishment. The comparable figure for 1963 was 1.9 thousand.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³These figures include "Insulated wire and cable."¹¹

⁴In 1967, there were in addition 3.2 thousand short tons of steel castings produced and consumed in the same establishments. Data for 1963 are not available.

⁵Data for these materials have been revised to include the consumption of materials by automotive stampings plants operated by automobile producing companies. Most of these plants had previously been classified in the automotive industry.

⁶These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁷Included with material code 970099 "All other materials and components, etc."

⁸No data are available for the quantities of castings produced and consumed in the same establishment.

⁹Data are included with material code 970099 "All other materials and components, etc., to avoid disclosing the operations of individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3481.--MISCELLANEOUS FABRICATED WIRE PRODUCTS, N.E.C.						
	Materials, parts, containers, and supplies, total.....		(X)	487.1	(X)	433.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	36.8	6.9	30.5	5.4
331012	Sheet and strip.....	...do.....	98.5	22.6	137.1	24.8
331015	Structural shapes.....	...do.....	15.5	4.5	2.5	0.6
331017	Wire and wire products.....	...do.....	963.0	224.4	908.4	201.8
331019	All other carbon steel mill shapes and forms.....	...do.....	¹ 44.3	¹ 9.3	29.8	7.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	15.9	4.5	14.1	3.3
331029	All other alloy steel mill shapes and forms.....	...do.....	6.4	4.3	7.2	4.2
331031	Stainless steel mill shapes and forms.....	...do.....	5.6	11.6	5.2	10.3
	Copper and copper-base alloy mill shapes and forms:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	10.4	6.8	7.0	4.5
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	1.5	1.7	2.0	1.5
335127	Pipe and tube.....	...do.....	(²)	(²)	1.3	1.0
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate and foil.....	...do.....	2.3	1.0	6.2	1.9
335205	Extruded shapes (including extruded rod, bar, pipe, tube etc.).....	...do.....	1.2	0.5	6.9	2.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	...do.....	9.0	3.8	7.4	3.3
332300	Steel castings (rough and semifinished): ³	1,000 short tons.	(²)	(²)	5.0	2.3
970095	All other materials and components, parts, containers, and supplies consumed.....		(X)	95.4	(X)	84.0
976000	Materials, parts, containers, etc., n.s.k. ⁴		(X)	89.8	(X)	74.7
INDUSTRY 3491.--METAL BARRELS, DRUMS, AND PAILS						
	Materials, parts, containers, and supplies, total.....		(X)	211.9	(X)	176.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	844.6	125.9	727.1	106.3
331018	Tin plate, terneplate and black plate.....	...do.....	59.5	9.7	38.2	5.6
331017	Wire and wire products.....	...do.....			10.8	1.8
331011	Bar and bar shapes.....	...do.....			3.5	0.5
331019	All other carbon steel mill shapes and forms.....	...do.....	49.5	8.5	27.8	4.3
331020	Alloy steel (except stainless).....	...do.....				
331031	Stainless steel mill shapes and forms.....	...do.....			4.2	3.0
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	Million pounds...			(NA)	(NA)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, extruded shapes, etc.).....	...do.....	4.3	2.4	(NA)	(NA)
285101	Paints, varnishes, lacquers, japans and enamels, etc.....	1,000 gallons....	3,440.3	11.0	(NA)	(NA)
260091	Paper and paperboard containers, including corrugated boxes....	.....	(X)	1.1	(NA)	(NA)
970000	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.4	(X)	45.7
976000	Materials, components, parts, containers, etc., n.s.k. ⁴		(X)	7.9	(X)	8.7
Material			1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
INDUSTRY 3492.--SAFES AND VAULTS						
	Materials, containers, parts, and supplies, total.....		(X)	25.8	(X)	20.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....					
331012	Sheet and strip.....					
331017	Wire and wire products.....					
331019	All other carbon steel mill shapes and forms.....					
	Alloy steel (except stainless):		38.3	9.7	(D)	(D)
331021	Bars and bar shapes.....					
331029	All other alloy steel mill shapes and forms.....					
331031	Stainless steel mill shapes and forms.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	15.3		
976000	Materials, parts, containers, etc., n.s.k. ⁴		(X)	0.8	(D)	(D)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3493.--STEEL SPRINGS					
	Materials, containers, parts, and supplies, total.....		(X)	90.5	(X)	82.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	90.7	15.3	65.5	11.0
331012	Sheet and strip.....	do.....	24.4	6.5	49.6	8.9
331017	Wire and wire products.....	do.....	11.0	5.1	11.7	5.4
331019	All other carbon steel mill shapes and forms.....	do.....	1.2	0.2	2.3	0.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	155.8	28.0	206.5	35.4
331029	All other alloy steel mill shapes and forms.....	do.....	8.6	2.0		
331031	Stainless steel mill shapes and forms.....	do.....	0.2	0.4	0.2	0.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	13.1	(X)	18.0
976000	Materials, parts, containers, etc., n.s.k. ⁴		(X)	19.9	(X)	2.6
	INDUSTRY 3494.--VALVES AND PIPE FITTINGS					
	Materials, parts, containers, and supplies, total.....		(X)	799.0	(X)	569.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	107.3	23.7	61.8	11.7
331012	Sheet and strip.....	do.....	18.3	3.8	39.6	6.6
331013	Plates.....	do.....	32.3	7.3	26.8	4.5
331019	All other carbon steel mill shapes and forms.....	do.....	53.8	14.1	54.6	13.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	12.9	4.1	15.1	4.3
331029	All other alloy steel mill shapes and forms.....	do.....	11.6	4.7	9.0	3.6
331031	Stainless steel mill shapes and forms.....	do.....	17.0	22.9	12.4	16.5
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. copper content..	3.6	3.0	0.8	0.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	115.2	60.0	109.4	37.8
335123	Plate, sheet, and strip, including military cups and discs..	do.....	(NA)	3.1	4.0	2.0
335127	Pipe and tube.....	do.....	26.4	14.1	33.0	16.5
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (rod, bar, pipe, etc.).....	do.....	8.0	4.2	2.0	1.4
335209	All other aluminum mill shapes and forms (wire, rod, etc.)..	do.....	3.7	1.7	11.0	5.6
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	70.1	4.1	91.4	5.5
333401	Aluminum and aluminum-base alloy refinery shapes, (ingot, slugs, etc.).....	do.....	1.6	0.8	1.6	0.9
333122	Copper and copper-base alloy refinery shapes.....	do.....	41.2	37.1	63.6	38.9
	Scrap (exclude home scrap):					
999811	Iron and steel.....	do.....	233.1	8.6	222.0	8.2
999808	Aluminum and aluminum-base alloy.....	do.....	(²)	(²)	6.3	3.6
999812	Copper and copper-base alloy.....	do.....	19.0	12.3	9.5	4.8
	Castings (rough and semifinished): ⁵					
332011	Iron (gray and malleable).....	do.....	165.1	60.4	113.6	39.5
332300	Steel.....	do.....	56.8	60.3	40.2	37.9
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.3	7.8	6.1	5.2
336200	Copper and copper-base alloy.....	do.....	37.5	35.1	47.9	30.8
339100	Iron and steel forgings ⁶	1,000 short tons.	55.8	38.3	26.1	14.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	282.1	(X)	215.7
976000	Materials, parts, containers, etc., n.s.k. ⁴		(X)	85.4	(X)	39.6
	INDUSTRY 3496.--COLLAPSIBLE TUBES					
	Materials, parts, and supplies, total.....		(X)	24.8	(X)	19.3
333401	Aluminum and aluminum-base alloy refinery shapes (ingots, slugs, etc.).....	1,000 short tons.	10.4	7.4	7.5	5.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	14.3	(X)	13.3
976000	Materials, parts, containers, etc., n.s.k. ⁴		(X)	3.0	(X)	1.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3497.--METAL FOIL AND LEAF					
	Materials, parts, and supplies, total.....		(X)	152.6	(X)	114.8
	Aluminum and aluminum-base alloy mill shapes and forms:					
335231	Plain foil.....	Million lbs.....	35.0	20.4	68.8	38.8
335203	Sheet and plate.....	...do.....	40.2	13.8	36.6	9.7
335209	All other aluminum mill shapes and forms (wire) rolled rod and bar, powder, welded tubing, extruded shapes, etc.....	...do.....				
349702	Aluminum foil, laminated ⁷.....	...do.....	(X)	114.4	1.2	1.0
970099	All other materials and components, parts, containers, and supplies consumed.....				(X)	62.9
976000	Materials, parts, and supplies, n.s.k. ⁴		(X)	4.0	(X)	2.4
	INDUSTRY 3498.--FABRICATED PIPE AND FITTINGS					
	Materials, parts, and supplies, total.....		(X)	239.1	(X)	141.7
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	9.9	2.2	14.4	3.3
331012	Sheet and strip.....	...do.....	17.4	2.9	21.2	3.2
331013	Plates.....	...do.....	19.3	3.6	3.5	0.7
331015	Structural shapes.....	...do.....	(⁸)	(⁸)	0.9	0.3
331017	Wire and wire products.....	...do.....	1.0	0.5	200.2	40.2
331019	All other carbon steel mill shapes and forms.....	...do.....	⁹ 137.2	⁹ 29.1		
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	5.2	3.0	1.5	0.8
331029	All other alloy steel mill shapes and forms.....	...do.....	9.6	6.8	10.0	6.9
331031	Stainless steel.....	...do.....	3.4	6.3	2.8	5.4
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.2	0.2	(NA)	(NA)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.5	1.1	0.8	0.5
335123	Plate, sheet, and strip, including military cups and discs...	...do.....				
335127	Pipe and tube.....	...do.....	(²)	(²)	12.4	7.0
	Aluminum and aluminum-base alloys:					
335202	Sheet, plate, and foil.....	...do.....	7.0	4.4	0.2	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			4.9	3.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			0.8	0.6
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	1,000 short tons.	9.0	3.8	4.6	1.9
332300	Steel.....	...do.....	(NA)	5.0	1.3	1.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(²)	(²)	1.2	0.7
336200	Copper and copper-base alloy.....	...do.....	(²)	(²)	0.7	0.4
339100	Iron and steel forgings ³	1,000 short tons.	6.2	3.6	2.1	1.4
339200	Aluminum and aluminum-base alloy forgings.....	Million lbs.....	0.1	0.1	(NA)	(NA)
349401	Valves and pipe fittings, except plumbers' brass goods and fittings.....		(X)	22.9	(X)	9.9
333010	Nonferrous plating metals (chromium, nickel, zinc, etc.).....		(X)	0.5	(X)	0.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	93.6	(X)	30.9
976000	Materials, parts, and supplies, n.s.k. ⁴		(X)	49.5	(X)	22.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3499.--FABRICATED METAL PRODUCTS, N.E.C.					
	Materials, parts, supplies, etc., total.....		(X)	404.6	(X)	236.0
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	95.3	16.6	41.4	6.5
331012	Sheet and strip.....	...do.....	576.2	88.2	303.1	47.8
331013	Plates.....	...do.....	52.5	7.8	23.5	3.5
331015	Structural shapes.....	...do.....	18.1	2.8	15.6	2.3
331017	Wire and wire products.....	...do.....	11.3	3.2	8.4	2.3
331019	All other carbon steel mill shapes and forms.....	...do.....	¹⁰ 34.6	¹⁰ 6.4	36.1	7.7
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	2.8	1.4	2.4	1.1
331029	All other alloy steel mill shapes and forms.....	...do.....	1.3	2.6	26.5	4.4
331031	Stainless steel.....	...do.....	5.3	7.9	2.8	3.5
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.9	1.4	(NA)	(NA)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.3	0.9	1.6	0.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	4.1	3.0	2.2	1.2
335127	Pipe and tube.....	...do.....	(²)	(²)	2.4	1.4
	Aluminum and aluminum-base alloys:					
335202	Sheet, plate and foil.....	...do.....	57.6	26.9	6.9	3.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	17.6	10.5	10.9	5.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.2	1.1	3.1	1.4
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	1,000 short tons.	10.8	4.8	4.8	1.9
332300	Steel.....	...do.....	16.5	11.2	5.0	3.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.2	3.0	1.5	1.3
336200	Copper and copper-base alloy.....	...do.....	1.8	1.3	1.8	1.1
339100	Iron and steel forgings ³	1,000 short tons.	1.9	1.3	0.7	0.4
339200	Aluminum and aluminum-base alloy forgings ³	Million lbs.....	1.3	1.4	(NA)	(NA)
349401	Valves and pipe fittings, except plumbers' brass goods and fittings.....		(X)	0.7	(X)	0.2
333010	Nonferrous plating metals (chromium, nickel, zinc, etc.).....		(X)	3.1	(X)	2.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	143.0	(X)	81.8
976000	Materials, containers, supplies, n.s.k. ⁴		(X)	51.1	(X)	50.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

²Included with material code 970099 "All other materials, components, etc."

³No data are available on the quantities of castings or forgings produced and consumed in the same establishment.

⁴This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

⁵The figures for castings produced and consumed in the same establishment are: iron castings, 229.7 thousand short tons in 1967 and 258.4 thousand short tons in 1963; steel castings, 9.9 thousand short tons in 1967 and 6.0 thousand short tons in 1963; copper and copper-base alloy castings, 119.6 million pounds in 1967, and 122.9 million pounds in 1963. Data for aluminum and aluminum-base alloy castings are not available.

⁶In 1967, the figure for iron and steel forgings produced and consumed by the same establishment was 20.5 thousand short tons. No comparable data for 1963 are available.

⁷Data on total consumption of aluminum foil are available, by end-use in Current Industrial Reports Series MA-34P, "Aluminum Foil Converted." The data in the Current Industrial Report include consumption by all establishments such as foil mills, foil converters, and others including food processing and other establishments converting foil for purposes of packaging a product. Data in this report are limited to establishments classified in the metal foil and leaf industry.

⁸Included with material code 331019 "All other carbon steel mill shapes and forms." The value for this item is less than \$2.5 million.

⁹These figures are understated by \$15.0 million or less because of apparent undercoverage of carbon steel pipe and tube.

¹⁰These figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 3511.--STEAM ENGINES AND TURBINES							
	Materials, parts, containers, and supplies, total.....		(X)	432.2	(X)	219.1		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 short tons.	158.2	60.4	10.0	1.8		
331012	Sheet and strip.....	...do.....			18.6	3.7		
331013	Plates.....	...do.....			70.9	9.6		
331015	Structural shapes.....	...do.....			4.4	0.7		
331019	All other carbon steel mill shapes and forms.....	...do.....			4.7	2.0		
	Alloy steel (except stainless):							
331021	Bar and bar shapes.....	...do.....	158.2	60.4	3.7	2.4		
331029	All other alloy steel mill shapes and forms.....	...do.....			4.0	4.1		
331031	Stainless steel mill shapes and forms.....	...do.....			7.2	9.7		
	Copper and copper-base alloy mill shapes and forms:							
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	8.6	4.0		
335790	Insulated wire and cable.....	Million lbs (copper content)	(D)	(D)				
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	158.2	60.4	11.7	6.8		
335123	Plate, sheet, and strip, including military cups and discs...	...do.....			(D)	(D)	1.7	0.9
335127	Pipe and tube.....	...do.....			(D)	(D)	2.6	1.9
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	...do.....	(D)	(D)	0.6	0.3		
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)		
	Castings (rough and semifinished): ¹							
332011	Iron (gray and malleable).....	...do.....	13.1	8.4	10.2	5.7		
332300	Steel.....	...do.....	(D)	(D)	19.7	25.0		
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	0.4	0.4		
336200	Copper and copper-base alloy.....	...do.....	2.5	2.7	2.8	3.0		
339100	Iron and steel forgings ¹	1,000 short tons.	(D)	(D)	16.6	31.5		
362120	Integral horsepower motors and generators (1 hp. and over) ¹	1,000.....	(D)	(D)	1.9	9.6		
	Bearings:							
356218	Ball.....	...do.....	(X)	0.9	(X)	0.3		
356201	Roller.....	...do.....	(X)	1.9	(X)	0.1		
970099	All other materials and components, parts, containers, and supplies consumed.....	...do.....	(X)	337.1	(X)	94.9		
976000	Materials, parts, containers, and supplies, n.s.k. ².....	...do.....	(X)	20.8	(X)	0.6	
	INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.							
	Materials, parts, containers, and supplies, total.....		(X)	1,042.6	(X)	694.1		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 short tons..	47.6	11.5	32.6	6.8		
331012	Sheet and strip.....	...do.....	98.2	20.0	42.3	9.2		
331013	Plates.....	...do.....	11.0	2.1	15.0	2.2		
331015	Structural shapes.....	...do.....	1.8	0.4	3.3	0.6		
331019	All other carbon steel mill shapes and forms.....	...do.....	5.1	1.6	4.1	1.4		
	Alloy steel (except stainless):							
331021	Bars and bar shapes.....	...do.....	9.0	3.8	9.7	2.9		
331029	All other alloy steel mill shapes and forms.....	...do.....			1.9	0.8		
331031	Stainless steel mill shapes and forms.....	...do.....	2.8	3.6	1.6	1.7		
	Copper and copper-base alloy mill shapes and forms:							
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	1.3	1.3		
335790	Insulated wire and cable.....	Million lbs..... copper content...	2.5	2.9				
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	6.8	0.5	0.3		
335123	Plate, sheet, and strip, including military cups and discs..	...do.....			13.1	5.6		
335127	Pipe and tube.....	...do.....			1.5	1.3		
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	...do.....	(D)	(D)	(D)	(D)		
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..	(D)	(D)	(D)	(D)		
999808	Aluminum and aluminum-base alloy scrap (excluding home scrap)...	...do.....	(D)	(D)	(D)	(D)		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3519.--INTERNAL COMBUSTION ENGINES, N.E.C.--Continued					
	Materials, parts, containers, and supplies--Continued					
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	295.3	128.8	161.3	62.3
332300	Steel.....	...do.....	5.8	2.8	2.0	2.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	71.0	48.1	34.3	24.4
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	1.1	0.8
339100	Iron and steel forgings ³	1,000 short tons.	65.7	31.3	52.9	25.2
362120	Integral horsepower motors and generators (1 h.p. and over ³)....	1,000.....	98.6	16.0	78.2	15.1
	Bearings:					
356218	Ball.....	.....	(X)	5.6	(X)	3.3
356201	Roller.....	.....	(X)	3.1	(X)	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	671.1	(X)	489.4
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	81.5	(X)	35.4
	INDUSTRY 3522.--FARM MACHINERY					
	Materials, parts, containers, and supplies, total.....	.....	(X)	2,173.4	(X)	1,426.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	584.4	100.3	551.8	87.4
331012	Sheet and strip.....	...do.....	921.7	143.9	705.4	104.1
331013	Plates.....	...do.....	156.8	23.4	112.0	16.8
331015	Structural shapes.....	...do.....	106.5	17.1	81.1	12.2
331017	Wire and wire products.....	...do.....	32.1	8.0	23.2	4.8
331019	All other carbon steel mill shapes and forms.....	...do.....	⁴ 149.7	⁴ 35.2	137.0	28.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	52.4	10.7	48.7	10.9
331029	All other alloy steel mill shapes and forms.....	...do.....	24.2	7.1	12.7	4.1
331031	Stainless steel mill shapes and forms.....	...do.....	6.1	6.7	2.8	4.2
	Copper and copper-base alloy:					
335102	Rod, bar and mechanical wire, including extruded and /or drawn shapes.....	Million lbs.....	2.3	1.6	2.6	1.0
335123	Plate, sheet and strip, including military cups and discs...	...do.....	(NA)	3.6	0.5	0.3
335127	Pipe and tube.....	...do.....	(⁵)	(⁵)	13.7	4.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	7.1	2.7	6.9	3.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	2.9	(NA)	2.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	1.7	4.0	1.8
339915	Metal powders.....	...do.....	(D)	(D)	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	112.3	7.0	134.3	7.8
999811	Iron and steel scrap.....	...do.....	335.0	13.0	320.8	13.4
	Castings (rough and semifinished): ⁶					
332011	Iron (gray and malleable).....	...do.....	557.8	195.3	212.5	64.7
332300	Steel.....	...do.....	(NA)	15.9	11.7	7.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	15.8	9.3	9.8	5.7
339100	Iron and steel forgings ⁶	1,000 short tons.	117.4	44.3	89.6	35.4
	Engines: ⁶					
351920	Diesel and semidiesel.....	1,000.....	109.2	76.9	58.2	28.1
351901	Gasoline and other carburetor.....	...do.....	3,796.0	160.7	3,243.7	108.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3522.--FARM MACHINERY--Continued					
	Materials, parts, containers, and supplies--Continued					
	Electric motors and generators:					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	(NA)	9.4	117.6	2.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	133.7	9.2	68.0	4.5
	Bearings:					
356218	Ball.....	.....	(X)	35.7	(X)	22.1
356201	Roller.....	.....	(X)	19.7	(X)	16.3
301131	Pneumatic tires.....	1,000.....	3,757.4	74.0	2,511.8	47.9
301141	Inner tubes.....	...do.....	(NA)	19.6	4,125.0	9.0
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	916.6	(X)	645.7
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	201.9	(X)	121.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

¹No data are available on the quantities of castings, iron and steel forgings, or integral horsepower electric motors or generators produced and consumed in the same establishment except for 1963 for copper and copper base alloy castings (0.6 million pounds) and iron and steel forgings (0.4 thousand short tons).

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³No data are available on the quantities of castings, iron and steel forgings, or integral horsepower motors and generators produced and consumed in the same establishment except for 1963 for iron castings which totaled 38.2 thousand short tons.

⁴These figures are understated by \$20 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁵Included with material code 970099, "All other materials and components, etc."

⁶In addition, the following quantities were produced and consumed into products at the same establishment: For 1967, Iron castings, 301.4 thousand short tons; Aluminum and aluminum-base alloy castings, 6.0 million pounds; and Gasoline and other carburetor engines, 25.7 thousand units. Comparable data for 1963 are: Iron castings, 301.3 thousand short tons; Aluminum and aluminum-base alloy castings, 2.4 million pounds; Iron and steel forgings, 5.1 thousand short tons; Gasoline and other carburetor engines, 75.7 thousand units; and Fractional horsepower electric motors, 2.0 thousand units.

For industry 3522 no data are available for either 1967 or 1963 for the quantities of steel castings, diesel and semidiesel engines or integral horsepower motors and generators nor in 1967 for iron and steel forgings or fractional horsepower electric motors produced and consumed in the same establishments.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3531.--CONSTRUCTION MACHINERY					
	Materials, parts, containers, and supplies, total.....		(X)	1,929.9	(X)	1,284.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	412.4	70.5	271.9	43.9
331012	Sheet and strip.....	...do.....	141.8	22.3	104.0	16.1
331013	Plates.....	...do.....	591.0	93.4	506.2	74.1
331015	Structural shapes.....	...do.....	108.9	17.6	115.4	18.0
331017	Wire and wire products.....	...do.....	8.6	3.6	5.3	2.9
331019	All other carbon steel mill shapes and forms.....	...do.....	194.8	123.4	94.7	21.3
	Alloy steel except stainless:					
331021	Bars and bar shapes.....	...do.....	65.7	15.9	48.6	11.8
331029	All other alloy steel mill shapes and forms.....	...do.....	68.0	18.6	55.1	13.4
331031	Stainless steel.....	...do.....	0.7	1.0	0.4	0.6
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.9	0.9	1.3	1.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.8	0.5	0.3
335123	Plate, sheet and strip (including military cups and discs)..	...do.....	(NA)	0.5	8.4	4.3
335127	Pipe and tube.....	...do.....	(2)	(2)	3.2	1.6
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	...do.....	1.6	0.8	2.5	1.2
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	1.0	0.7	1.6	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	1.4	1.5	0.2	0.1
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	43.5	2.5	34.7	2.1
999811	Iron and steel scrap (purchased scrap only).....	...do.....	96.9	3.1	65.0	2.1
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	246.9	103.4	154.8	54.2
332300	Steel.....	...do.....	177.6	124.1	160.4	95.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	13.3	12.2	10.1	7.9
336200	Copper and copper-base alloy.....	...do.....	3.6	3.4	5.3	4.3
339100	Iron and steel forgings ³	1,000 short tons.	313.6	145.9	230.3	97.5
	Engines: ³					
351920	Diesel and semidiesel.....	Thousands.....	34.9	80.9	42.1	87.6
351901	Gasoline and other carburetor.....	...do.....	28.5	15.9	43.2	14.6
362120	Integral horsepower motors and generators (1 hp. and over) ³.....	...do.....	(NA)	22.3	26.5	16.9
	Bearings:					
356218	Ball.....	...do.....	(X)	18.6	(X)	9.8
356201	Roller.....	...do.....	(X)	36.5	(X)	15.2
301131	Pneumatic tires.....	Thousands.....	465.9	63.3	367.0	40.9
356601	Mechanical power transmission equipment, (except motor vehicle), including gears, clutches, etc.....	...do.....	(X)	60.7	(X)	72.2
970099	All other materials and components, parts, containers, and supplies consumed.....	...do.....	(X)	774.2	(X)	492.3
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	...do.....	(X)	191.4	(X)	60.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3532.--MINING MACHINERY AND EQUIPMENT					
	Materials, parts, containers and supplies, total.....		(X)	259.9	(X)	166.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	54.3	10.9	21.9	4.5
331012	Sheet and strip.....	...do.....	12.0	1.7	5.7	1.0
331013	Plates.....	...do.....	84.9	14.0	46.2	6.8
331015	Structural shapes.....	...do.....	25.2	4.0	15.5	2.4
331017	Wire and wire products.....	...do.....	56.8	52.3	0.3	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....			8.4	1.2
	Alloy steel except stainless:					
331021	Bars and bar shapes.....	...do.....	33.7	11.0	8.7	2.5
331029	All other alloy steel mill shapes and forms.....	...do.....			8.2	1.9
331031	Stainless steel.....	...do.....	1.0	1.4	0.7	1.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million pounds...	(6)	(6)	0.5	0.6
335790	Insulated wire and cable.....	Million pounds (copper content)	(6)	(6)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds...	1.1	0.6	0.4	0.3
335123	Plate, sheet and strip (including military cups and discs)..	...do.....			0.1	0.1
335127	Pipe and tube.....	...do.....	(2)	(2)	0.1	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	...do.....	0.3	0.2	0.1	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			(NA)	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	4.1	0.3	5.5	0.3
999811	Iron and steel scrap (purchased scrap only).....	...do.....	14.2	0.6	14.5	0.5
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	13.7	7.4	10.7	4.3
332300	Steel.....	...do.....	42.3	30.5	24.5	14.8
336100	Aluminum and aluminum-base alloy.....	Million pounds...	0.2	0.3	0.1	0.2
336200	Copper and copper-base alloy ¹.....	...do.....	1.2	1.2	0.6	0.7
339100	Iron and steel forgings ³	1,000 short tons.	12.3	9.0	17.9	8.1
	Engines: ³					
351920	Diesel and semidiesel.....	1,000.....	0.3	0.6	0.5	1.5
351901	Gasoline and other carburetor.....	...do.....	(6)	(6)	0.6	0.3
362120	Integral horsepower motors and generators (1 hp. and over) ³....	...do.....	8.5	5.9	9.9	8.8
	Bearings:					
356218	Ball.....	...do.....	(X)	1.4	(X)	1.2
356201	Roller.....	...do.....	(X)	3.4	(X)	1.6
301131	Pneumatic tires.....	1,000.....	(6)	(6)	9.6	1.0
356601	Mechanical power transmission equipment, (except motor vehicle), including gears, clutches, etc.....	...do.....	(X)	10.2	(X)	4.5
970099	All other materials and components, parts, containers, and supplies consumed.....	...do.....	(X)	92.6	(X)	83.9
976000	Materials, parts, containers and supplies, n.s.k. ⁴.....	...do.....	(X)	50.4	(X)	11.6
	INDUSTRY 3533.--OILFIELD MACHINERY					
	Materials, parts, containers, and supplies, total.....		(X)	261.9	(X)	216.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	65.8	12.2	50.0	9.2
331013	Plates.....	...do.....	52.2	8.4	44.8	6.8
331015	Structural shapes.....	...do.....	26.5	4.4	32.1	5.1
331019	All other carbon steel mill shapes and forms.....	...do.....	22.7	7.0	27.5	7.1
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	96.4	25.7	75.0	19.5
331029	All other alloy steel mill shapes and forms.....	...do.....	20.5	6.4	26.2	7.3
331031	Stainless steel mill shapes and forms.....	...do.....	2.9	4.0	1.8	2.6
335121	Copper and copper-base alloy.....	Million lbs.....	1.6	1.3	2.4	1.5
335208	Aluminum and aluminum-base alloy.....	...do.....	1.3	1.1	0.9	0.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3533.--OILFIELD MACHINERY--Con.						
Castings (rough and semifinished): ³						
332011	Iron (gray and malleable).....	1,000 short tons.	13.9	5.5	46.0	12.8
332300	Steel.....	...do.....	36.3	19.4	17.0	11.5
336200	Copper and copper-base alloy.....	Million lbs.....	1.2	1.4	2.0	1.4
339100	Iron and steel forgings ³	1,000 short tons.	23.5	12.0	17.1	7.8
351920	Engines, diesel and semidiesel ³	1,000.....	0.8	4.9	0.8	3.3
Bearings:						
356218	Ball.....	.....	(X)	2.6	(X)	1.7
356201	Roller.....	.....	(X)	2.5	(X)	2.7
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	99.1	(X)	91.1
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	44.0	(X)	24.3
INDUSTRY 3534.--ELEVATORS AND MOVING STAIRWAYS						
Materials, parts, containers, and supplies, total.....						
			(X)	122.3	(X)	108.2
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	13.8	2.5	18.5	3.3
331012	Sheet and strip.....	...do.....	14.2	2.5	20.2	3.5
331013	Plates.....	...do.....	8.9	1.5	8.9	1.4
331015	Structural shapes.....	...do.....	18.1	3.2	17.4	2.7
331017	Wire and wire products.....	...do.....	15.6	3.2	1.4	1.0
331019	All other carbon steel mill shapes and forms.....	...do.....			21.0	4.7
331020	Alloy steel (except stainless).....	...do.....	0.1	(Z)	0.9	0.3
331031	Stainless steel.....	...do.....	1.3	1.6	0.6	0.7
Copper and copper-base alloy:						
335790	Insulated wire and cable.....	Million lbs. (copper content)	(⁶)	(⁶)	2.8	2.0
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.3	0.3	0.3	0.1
335123	Plate, sheet, and strip, including military cups and discs..	...do.....			0.5	0.4
335127	Pipe and tube.....	...do.....			0.8	0.5
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	1.4	0.8	0.1	(Z)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			0.4	0.2
335209	All other aluminum mill shapes and forms (wire, rolled, rod, and bar, powder, welded tubing, etc.).....	...do.....			0.1	(Z)
Castings (rough and semifinished): ³						
332011	Iron (gray and malleable).....	1,000 short tons.	11.4	4.6	8.5	3.2
332300	Steel.....	...do.....	3.8	3.5	1.3	1.2
339100	Iron and steel forgings ³.....	...do.....	(⁶)	(⁶)	0.8	0.6
351901	Gasoline and other carburetor engines ³	Thousands.....	(⁶)	(⁶)	(⁶)	(⁶)
Electric motors and generators: ³						
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	12.3	0.7	12.8	0.8
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	7.7	3.6	9.5	4.1
Bearings:						
356218	Ball.....	.....	(X)	1.0	(X)	1.2
356201	Roller.....	.....	(X)	0.4	(X)	0.4
970099	All other materials, and components, parts, containers, and supplies consumed.....	.....	(X)	53.6	(X)	60.2
976000	Materials, parts, containers, and supplies, n. s. k. ⁴.....	.....	(X)	38.5	(X)	15.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3535.—CONVEYORS AND CONVEYING EQUIPMENT						
	Materials, parts, containers, and supplies, total.....		(X)	272.0	(X)	174.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	54.0	9.6	42.9	7.6
331012	Sheet and strip.....	...do.....	82.7	13.5	57.5	8.8
331013	Plates.....	...do.....	50.4	8.0	37.9	5.6
331015	Structural shapes.....	...do.....	69.2	10.9	46.7	8.0
331017	Wire and wire products.....	...do.....	3.1	1.9	1.7	0.9
331019	All other carbon steel mill shapes and forms.....	...do.....	\$17.4	\$4.7	28.0	5.4
331020	Alloy steel (except stainless).....	...do.....	2.6	1.2	4.4	1.4
331031	Stainless steel.....	...do.....	2.8	3.9	2.2	2.7
	Copper and copper base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	0.4	0.4	0.3	0.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.5	0.4	0.2
335123	Plate sheet, and strip, including military cups and discs...	...do.....	0.3	0.3	0.2	0.1
335127	Pipe and tube.....	...do.....	(²)	(²)	2.4	1.6
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....	...do.....	2.9	1.8	1.4	0.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	2.2	1.1	1.7	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.2	0.2	0.2
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	1,000 short tons.	11.2	4.6	12.3	5.2
332300	Steel.....	...do.....	(NA)	2.4	2.1	1.3
339100	Iron and steel forgings ³.....	...do.....	(⁶)	(⁶)	3.7	2.7
351901	Casoline and other carburetor engines ³	1,000.....	(NA)	0.2	0.9	0.2
	Electric motors and generators: ³					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	42.4	3.1	36.5	2.6
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	25.1	4.1	19.5	3.4
	Bearings:					
356218	Ball.....	.....	(X)	4.6	(X)	2.9
356201	Roller.....	.....	(X)	3.8	(X)	1.8
369101	Storage batteries.....	1,000.....	(⁶)	(⁶)	0.5	(Z)
970099	All other material and components, parts, containers, and supplies consumed.....	.....	(X)	122.9	(X)	81.7
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	68.3	(X)	27.4
INDUSTRY 3536.—HOISTS, CRANES, AND MONORAILS						
	Materials, parts, containers, and supplies, total.....		(X)	178.7	(X)	101.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	22.6	4.4	15.8	3.1
331012	Sheet and strip.....	...do.....	13.2	2.1	7.2	1.0
331013	Plates.....	...do.....	79.1	12.4	6.6	10.4
331015	Structural shapes.....	...do.....	32.6	5.6	47.4	7.2
331017	Wire and wire products.....	...do.....	0.8	0.5	1.1	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	9.6	2.5	12.2	3.0
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	13.8	3.9	1.5	0.6
331029	All other alloy steel mill shapes and forms.....	...do.....			0.7	0.5
331031	Stainless steel.....	...do.....			0.1	0.1
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs.....	2.4	2.3	1.7	1.3
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	...do.....	(NA)	1.8	0.2	0.1
335123	Plate, sheet strip, including military cups and discs.....	...do.....			1.1	0.5
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.7	0.4	0.5	0.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			0.3	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			(Z)	(Z)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3536.--HOISTS, CRANES, AND MONORAILS--Con.					
	Materials, parts, containers, and supplies--Con.					
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	(X)	(Z)	(⁶)	(⁶)
999811	Iron and steel scrap, excluding home scrap.....	...do.....	-	-	(⁶)	(⁶)
	Castings (rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	11.8	6.4	7.9	3.4
332300	Steel.....	...do.....	7.6	5.8	6.2	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	1.9	1.6	1.1	1.2
336200	Copper and copper-base alloy.....	...do.....	1.3	1.0	1.0	0.7
339100	Iron and steel forgings ³	1,000 short tons.	4.9	2.9	14.0	3.1
	Engines: ³					
351920	Diesel and semidiesel.....	1,000.....	(⁶)	(⁶)	(Z)	0.3
351901	Gasoline and other carburetor.....	...do.....	1.4	0.3	1.7	0.3
362120	Integral horsepower electric motors and generators (1 hp. and over) ³.....	...do.....	33.5	6.9	21.0	7.2
	Bearings:					
356218	Ball.....	.....	(X)	1.8	(X)	1.0
356201	Roller.....	.....	(X)	3.1	(X)	1.8
301131	Pneumatic tires.....	1,000.....	(⁶)	(⁶)	3.4	0.2
356601	Mechanical power transmission equipment, (except motor vehicle) including gears, clutches, etc.....	.....	(X)	3.7	(X)	4.8
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	61.2	(X)	38.9
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	48.1	(X)	5.4
	INDUSTRY 3537.--INDUSTRIAL TRUCKS AND TRACTORS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	333.4	(X)	192.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 s. tons.....	64.6	11.1	42.5	7.2
331012	Sheet and strip.....	...do.....	57.8	9.0	43.4	6.4
331013	Plates.....	...do.....	66.7	11.5	54.1	7.7
331015	Structural shapes.....	...do.....	25.4	5.0	19.3	3.6
331017	Wire and wire products.....	...do.....	15.6	53.4	0.4	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....			15.0	3.3
331020	Alloy steel (except stainless).....	...do.....	11.8	4.1	2.6	0.9
331031	Stainless steel.....	...do.....			0.4	0.6
335790	Copper and copper-base alloy: Insulated wire and cable.....	Mil. lbs. (copper content).....	0.7	0.6	0.5	0.4
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Mil. lbs.....	(NA)	0.2	(Z)	(Z)
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	(NA)	0.1	(Z)	(Z)
335127	Pipe and tube.....	...do.....	(²)	(²)	0.2	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	4.6	2.7	1.4	0.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			0.5	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			(Z)	(Z)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
332011	Castings (rough and semifinished):					
332300	Iron (gray and malleable).....	1,000 s. tons.....	51.2	14.4	33.7	8.4
	Steel.....	...do.....	9.1	6.7	5.8	4.1
339100	Iron and steel forgings.....	1,000 tons.....	4.6	4.1	2.7	2.8
351901	Gasoline and other carburetor engines.....	1,000.....	43.4	17.3	29.5	11.2
362115	Electric motors and generators:					
	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	(NA)	1.7	9.4	0.6
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	(NA)	2.4	21.7	2.3
356218	Bearings:					
	Ball.....	.....	(X)	1.6	(X)	1.9
356201	Roller.....	.....	(X)	1.6	(X)	1.8
369101	Storage batteries.....	1,000.....	67.1	4.2	33.6	2.8
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	180.6	(X)	110.9
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	51.1	(X)	14.4

Footnotes for Table 7A--35B

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand.

¹The figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.

²Included with material code 970099, "All other materials and components, etc."

³For 1967, the following materials were produced and consumed in the same establishment for industry 3531: iron and steel forgings (code 339100), 36.0 thousand short tons; and gasoline and other carburetor engines (code 351901), 9.3 thousand units. No other data are available for 1967 on the quantities of castings, forgings, engines, and integral horsepower motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3531--iron and steel forgings (code 339100), 34.0 thousand short tons; gasoline and other carburetor engines (code 351901), 9.4 thousand units; fractional horsepower electric motors (code 362115), 0.7 thousand units; integral horsepower motors and generators (1 hp. and over) (code 362120), 9.1 thousand units; industry 3532--iron castings (code 332011), 12.2 thousand short tons; steel castings (code 332300), 1.3 thousand short tons; copper castings (code 336200), 1.7 million pounds; industry 3533--iron castings (code 332011), 3.9 thousand short tons; steel castings (code 332300), 1.6 thousand short tons; industry 3535--iron castings (code 332011), 9.8 thousand short tons; fractional horsepower electric motors (code 362115), 0.3 thousand units; and industry 3537--integral horsepower motors and generators (1 hp. and over) (code 362120), 6.8 thousand units.

⁴This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

⁵These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁶Included with material code 970099. "All other materials and components, etc." to avoid disclosing figures for individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3541.--MACHINE TOOLS, METAL-CUTTING TYPES					
	Materials, parts, containers, and supplies, total.....		(X)	657.3	(X)	334.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	58.7	19.0	37.4	10.5
331012	Sheet and strip.....	...do.....	14.1	3.2	7.7	1.1
331013	Plates.....	...do.....	36.9	7.2	20.0	3.5
331015	Structural shapes.....	...do.....	9.0	2.7	3.6	1.1
331017	Wire and wire products.....	...do.....	(NA)	13.7	(NA)	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)		4.8	1.7
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	26.7	13.7	17.6	6.9
331029	All other alloy steel mill shapes and forms.....	...do.....	3.1	3.3	3.5	2.2
331031	Stainless steel.....	...do.....	2.3	2.0	0.5	0.8
	Copper and conper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(2)	(2)	0.1	0.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	2.0	2.5	1.0	0.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.9	0.4	0.4
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	(NA)	0.4	0.4	0.3
335127	Pipe and tube.....	...do.....	(3)	(3)	0.4	0.3
	Aluminum and aluminum base alloy:					
335202	Sheet, plate and foil.....	...do.....	1.3	1.1	1.1	0.8
335205	Extruded shapes, including extruded rod, bar, tube, etc....	...do.....	0.4	0.4	0.2	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing, etc.).....	...do.....	0.2	0.2	0.1	0.1
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	13.9	0.9	16.9	1.1
999811	Iron and steel scrap (excluding home scrap).....	...do.....	32.2	1.4	21.6	1.0
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	...do.....	160.2	76.6	98.5	39.8
332300	Steel.....	...do.....	13.1	10.3	6.6	4.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	8.3	2.5	2.6
336200	Copper and copper-base alloy.....	...do.....	1.6	1.8	2.1	1.9
339100	Iron and steel forgings ⁴	1,000 short tons.	8.4	6.7	4.6	3.6
	Electric motors and generators: ⁴					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	174.4	7.7	12.2	1.2
362115	Other fractional horsepower electric motors.....	...do.....			93.2	3.5
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	110.8	21.2	67.2	11.3
	Bearings:					
356218	Ball.....	.....	(X)	12.1	(X)	6.5
356201	Roller.....	.....	(X)	5.1	(X)	3.9
970099	All other materials and components, parts, containers, and sup- plies consumed.....	.....	(X)	347.2	(X)	187.5
976000	Materials, parts, containers, and supplies, n.s.k. ⁵.....	.....	(X)	97.7	(X)	34.6
	INDUSTRY 3542.--MACHINE TOOLS, METAL-FORMING TYPES					
	Materials, parts, containers, and supplies, total.....		(X)	256.6	(X)	144.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	39.6	10.8	23.3	6.2
331012	Sheet and strip.....	...do.....	(NA)	0.9	3.6	1.1
331013	Plates.....	...do.....	137.9	20.9	86.5	13.0
331015	Structural shapes.....	...do.....	6.4	1.2	2.0	0.4
331017	Wire and wire products.....	...do.....	(NA)	0.2	(NA)	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....	10.6	10.3	0.6	0.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	11.6	5.6	4.0	2.8
331029	All other alloy steel mill shapes and forms.....	...do.....	3.5	1.5	1.8	0.9
331031	Stainless steel.....	...do.....	0.6	0.6	0.6	0.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	million lbs.....	0.1	0.1	0.3	0.2
335790	Insulated wire and cable.....	million lbs copper content..	0.2	0.2		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3542--MACHINE TOOLS, METAL-FORMING TYPES--Con.						
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	0.6	0.6	0.2	0.2
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	(NA)	0.1	0.1	0.1
335127	Pipe and tube.....	...do.....	(³)	(³)	0.1	0.1
Aluminum and aluminum base alloy:						
335202	Sheet, plate and foil.....	...do.....	0.4	0.4	0.4	0.3
335205	Extruded shapes, including extruded rod, bar, tube, etc.....	...do.....	(NA)	0.8	0.1	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing, etc.).....	...do.....	(NA)	0.1	(NA)	0.1
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	6.3	0.5	4.0	0.3
999811	Iron and steel scrap (excluding home scrap).....	...do.....	20.5	0.9	18.8	0.7
Castings (rough and semifinished): ⁴						
332011	Iron (gray and malleable).....	...do.....	43.5	18.7	23.5	9.7
332300	Steel.....	...do.....	23.9	12.9	9.7	4.9
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.0	1.1	0.9	0.6
336200	Copper and copper-base alloy.....	...do.....	2.1	2.2	1.7	1.6
339100	Iron and steel forgings ⁴	1,000 short tons.	10.1	6.9	7.8	4.8
Electric motors and generators ⁴						
Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	0.4	(NA)	0.2
362115	Other fractional horsepower electric motors.....	...do.....	(NA)	1.4	7.3	0.4
362120	Integral horsepower motors and generators (1 hp. and over)...	...do.....	26.2	11.1	17.4	5.8
Bearings:						
356218	Ball.....	.....	(X)	1.5	(X)	0.6
356201	Roller.....	.....	(X)	1.6	(X)	1.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	117.9	(X)	71.3
976000	Materials, parts, containers, and supplies, n.s.k. ⁵.....	.....	(X)	35.2	(X)	15.6
INDUSTRY 3544.-SPECIAL DIES, TOOLS, JIGS, AND FIXTURES						
Materials, parts, containers, and supplies, total.....						
			(X)	433.4	(X)	281.5
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	62.5	30.4	64.3	21.9
331012	Sheet and strip.....	...do.....	42.2	10.5	45.0	7.9
331013	Plates.....	...do.....	89.7	19.7	66.2	14.3
331015	Structural shapes.....	...do.....	10.3	2.9	6.1	1.7
331017	Wire and wire products.....	...do.....	(NA)	0.8	0.4	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....	5.6	3.6	8.7	3.5
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	(NA)	24.1	16.0	19.4
331029	All other alloy steel mill shapes and forms.....	...do.....	5.2	4.6	7.8	5.3
331031	Stainless steel.....	...do.....	2.4	3.4	1.8	2.3
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction).....	Million lbs.....	0.6	0.5	} (NA)	0.2
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	0.2		
335102	Rod, bar, and mechanical wire.....	Million lbs.....	1.2	1.1	1.0	1.1
335123	Plate, sheet, and strip, including cups and discs.....	...do.....	1.6	1.5	0.7	0.7
335127	Pipe and tube.....	...do.....	(NA)	0.8	0.2	0.2
Aluminum and aluminum base alloy:						
335202	Sheet, plate, and foil.....	...do.....	5.8	4.3	2.3	1.7
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	3.5	2.3	1.5	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, tubing, etc.).....	...do.....	1.9	0.7	1.0	0.5
339915	Metal powders.....	...do.....	0.2	0.7	(³)	(³)
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	1.7	0.1	1.3	0.1
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(²)	(²)	16.3	0.5
Castings (rough and semifinished): ⁴						
332011	Iron (gray and malleable).....	...do.....	39.5	13.7	40.3	12.9
332300	Steel.....	...do.....	18.7	11.3	7.7	4.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.9	3.3	3.2	1.9
336200	Copper and copper-base alloy.....	...do.....	3.4	4.1	0.8	0.7
339100	Iron and steel forgings ⁴	1,000 short tons.	4.2	3.8	1.1	1.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3544.--SPECIAL DYES, TOOLS, JIGS, AND FIXTURES--CON.					
	Electric motors and generators: ⁴					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	5.8	0.3	3.3	0.1
362115	Other fractional horsepower electric motors.....	...do.....	4.2	0.3	2.3	0.1
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	2.4	0.6	1.5	0.5
	Bearings:					
356218	Ball.....	.....	(X)	0.6	(X)	0.4
356201	Roller.....	.....	(X)	0.3	(X)	0.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	120.6	(X)	85.9
976000	Materials, parts, containers, and supplies, n.s.k. ⁵.....	.....	(X)	162.3	(X)	89.7
	INDUSTRY 3545.--MACHINE TOOL ACCESSORIES					
	Materials, parts, containers, and supplies, total.....	.....	(X)	333.0	(X)	188.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	31.0	10.8	32.9	9.0
331012	Sheet and strip.....	...do.....	8.5	2.0	1.8	0.6
331013	Plates.....	...do.....	5.1	1.5	2.1	0.7
331015	Structural shapes.....	...do.....	3.0	1.0	0.9	0.3
331017	Wire and wire products.....	...do.....	0.9	0.5	0.5	0.2
331019	All other carbon steel mill shapes and forms.....	...do.....	3.4	1.8	3.0	1.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	23.5	44.5	15.0	28.7
331029	All other alloy steel mill shapes and forms.....	...do.....	3.4	5.0	5.2	8.0
331031	Stainless steel.....	...do.....	0.8	1.4	0.1	0.2
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(NA)	0.1	(Z)	0.1
335790	Insulated wire and cable.....	Million lbs.....	(NA)	0.2		
335102	Rod, bar, and mechanical wire.....	Million lbs.....	0.6	0.9		
335123	Plate, sheet, and strip, including cups and discs.....	...do.....	(NA)	0.2		
335127	Pipe and tube.....	...do.....	(NA)	0.3	0.3	0.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.3	0.2	0.3	0.1
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	0.2	0.2		
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, tubing, etc.).....	...do.....	0.1	0.1		
339915	Metal powders.....	...do.....	(2)	(2)	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons..	(Z)	(Z)	(NA)	(NA)
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(Z)	(Z)	(NA)	(NA)
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	...do.....	13.2	5.9	12.9	5.6
332300	Steel.....	...do.....	4.0	4.2	0.6	0.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.6	0.7	0.8	0.8
336200	Copper and copper-base alloy.....	...do.....	0.1	0.2	0.1	0.1
339100	Iron and steel forgings ⁴	1,000 short tons..	4.7	3.8	1.3	1.3
	Electric motors and generators: ⁴					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(2)	(2)	(2)	(2)
362115	Other fractional horsepower electric motors.....	...do.....	6.1	0.3	13.0	0.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(NA)	1.4	4.4	1.1
	Bearings:					
356218	Ball.....	.....	(X)	0.6	(X)	0.8
356201	Roller.....	.....	(X)	0.2	(X)	0.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	170.8	(X)	98.3
976000	Materials, parts, containers, and supplies, n.s.k. ⁵.....	.....	(X)	74.2	(X)	28.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3548.--METALWORKING MACHINERY, N.E.C.					
	Materials, parts, containers, and supplies, total.....	.....	(X)	401.3	(X)	279.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	31.0	8.2	27.2	5.7
331012	Sheet and strip.....	...do.....	24.8	5.7	20.2	3.5
331013	Plates.....	...do.....	66.1	12.0	54.3	8.5
331015	Structural shapes.....	...do.....	15.8	2.8	11.5	2.1
331017	Wire and wire products.....	...do.....	0.8	0.9	2.3	0.9
331019	All other carbon steel mill shapes and forms.....	...do.....	16.0	12.1	6.5	1.2
	Alloy steel (except stainless)					
331021	Bars and bar shapes.....	...do.....	11.9	5.6	12.3	4.6
331029	All other alloy steel mill shapes and forms.....	...do.....	5.3	2.4	5.6	2.2
331031	Stainless steel.....	...do.....	(NA)	0.7	0.2	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	3.3	2.6	0.7	0.6
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	3.5	2.2	2.9
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	7.4	5.0	4.4	2.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.2	0.1	0.1	0.1
335127	Pipe and tube.....	...do.....	(³)	(³)	0.6	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(NA)	0.7	0.7	0.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	} (NA)	1.4	} 0.1	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....					2.2	1.1
339915	Metal powders.....	...do.....	(²)	(²)	(NA)	(NA)
331051	Pig iron, excluding silvery iron.....	1,000 short tons.	(²)	(²)	14.6	0.9
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(²)	(²)	36.5	1.5
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	...do.....	18.6	8.8	26.3	9.1
332300	Steel.....	...do.....	21.8	12.2	20.6	12.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	18.4	15.6	12.4	11.1
336200	Copper and copper-base alloy.....	...do.....	1.8	1.5	3.0	2.0
339100	Iron and steel forgings ⁴	1,000 short tons.	(NA)	8.8	6.1	4.5
	Electric motors and generators: ⁴					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(⁶)	(⁶)	188.7	2.0
362115	Other fractional horsepower electric motors.....	...do.....	(NA)	5.9	363.6	4.8
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(NA)	3.5	7.3	3.7
	Bearings:					
356218	Ball.....	.....	(X)	8.8	(X)	6.1
356201	Roller.....	.....	(X)	8.7	(X)	4.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	219.1	(X)	152.0
976000	Materials, parts, containers and supplies, n.s.k. ⁵.....	.....	(X)	54.7	(X)	28.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand.

¹The figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tubes.

²Included with material code 970099, "All other materials and components" to avoid disclosing figures for individual companies.

³Included with material code 970099, "All other materials and components, etc."

⁴For industry 3541, 35.1 thousand short tons of iron castings (code 332011) were produced and consumed in the same establishment in 1967. No other data are available for 1967 on the quantities of castings, iron and steel forgings, or electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3541--iron castings (code 332011), 33.8 thousand short tons; and industry 3548--other fractional horsepower electric motors (code 362115), 2,007.2 thousand units.

⁵This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

⁶Included with material code 970099, "All other materials and components, etc." The value of these individual materials is less than \$2.5 million.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3551.--FOOD PRODUCTS MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	272.1	(X)	204.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	33.4	7.6	26.5	6.7
331012	Sheet and strip.....	...do.....	35.7	6.4	35.3	5.9
331013	Plates.....	...do.....	28.6	5.6	18.4	2.9
331015	Structural shapes.....	...do.....	16.2	2.9	12.2	2.2
331019	All other carbon steel mill shapes and forms.....	...do.....	8.2	2.5	6.4	2.0
331020	Alloy steel (except stainless).....	...do.....	5.7	2.7	4.1	1.6
331031	Stainless steel.....	...do.....	13.5	17.4	10.4	13.2
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	1.6	1.1	1.3	1.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	1.6	1.2	2.2	1.2
335209	All other aluminum mill shapes and forms (extruded shapes, wire, rod, bar, powder, tubing, etc.).....	...do.....	0.9	0.8	1.5	0.8
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	1,000 short tons.	20.1	10.7	23.6	9.6
332300	Steel.....	...do.....	4.3	3.6	5.3	3.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.0	3.6	4.0	3.4
336200	Copper and copper-base alloy.....	...do.....	2.0	1.9	2.1	1.6
	Electrical motors and generators: ¹					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	1,000.....	127.9	5.0	85.7	3.0
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	53.2	7.1	51.3	8.7
	Bearings:					
356218	Ball.....		(X)	3.2	(X)	2.3
356201	Roller.....		(X)	1.6	(X)	1.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	141.7	(X)	90.4
976000	Materials, etc., n.s.k. ²		(X)	45.5	(X)	42.6
INDUSTRY 3552.--TEXTILE MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	277.9	(X)	209.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	49.4	13.5	41.5	10.1
331012	Sheet and strip.....	...do.....	28.3	7.4	24.4	5.4
331015	Structural shapes.....	...do.....	10.3	2.1	9.5	1.9
331017	Wire and wire products.....	...do.....	7.0	5.9	6.0	5.0
331019	All other carbon steel mill shapes and forms.....	...do.....	4.1	1.4	3.2	1.3
331020	Alloy steel (except stainless).....	...do.....	4.4	2.3	2.1	1.1
331031	Stainless steel.....	...do.....	4.8	7.3	2.7	4.8
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	(³)	(³)	3.3	2.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	2.3	1.7	1.2	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	(NA)	2.9	1.4	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	1.3	0.9	1.6	0.9
	Primary metal and scrap:					
331051	Pig iron excluding silvery iron.....	1,000 short tons.	(³)	(³)	21.4	1.4
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(³)	(³)	17.6	1.1
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	55.0	20.9	57.5	22.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(³)	(³)	2.1	1.9
362120	Integral horsepower electric motors and generators (1 hp. and over) ¹	1,000.....	(NA)	7.0	25.0	4.4
	Bearings:					
356218	Ball.....		(X)	5.8	(X)	5.5
356201	Roller.....		(X)	1.3	(X)	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	154.6	(X)	116.7
972000	Materials, etc., n.s.k. ²		(X)	42.9	(X)	21.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3553.— WOODWORKING MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	108.2	(X)	94.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	29.7	8.7	19.3	4.4
331012	Sheet and strip.....	do.			17.7	4.7
331013	Plates.....	do.			10.3	1.9
331019	All other carbon steel mill shapes and forms.....	do.			4.7	1.5
331020	Alloy steel (except stainless).....	do.			3.1	2.7
331031	Stainless steel.....	do.			0.2	0.6
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	1,000 short tons.	20.0	7.2	12.0	4.4
332300	Steel.....	do.	(X)	2.8	1.8	1.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(X)	4.1	2.8	3.3
339100	Iron and steel forgings.....	1,000 short tons.	(³)	(³)	1.3	1.4
362120	Integral horsepower motors and generators (1 hp. and over) ¹	1,000.....	73.2	5.7	38.9	2.9
	Bearings:					
356218	Ball.....		(X)	2.6	(X)	1.7
356201	Roller.....				(X)	0.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	49.0	(X)	47.0
972000	Materials, etc., n.s.k. ²		(X)	28.1	(X)	15.7
INDUSTRY 3554.—PAPER INDUSTRIES MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	223.1	(X)	165.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and shapes.....	1,000 short tons..	22.8	6.0	19.8	4.8
331013	Plates.....	do.	41.3	7.2	21.9	3.7
331019	All other carbon steel mill shapes and forms.....	do.	10.5	2.9	7.2	2.0
331020	Alloy steel (except stainless).....	do.	3.4	1.5	2.4	1.1
331031	Stainless steel.....	do.	4.4	10.1	5.2	9.6
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	(NA)	9.1	2.3	3.2
335123	Plate, sheet, and strip (including military cups and discs)..	do.			1.2	2.2
335127	Pipe and tube.....	do.			0.6	0.3
	Primary metals and scrap:					
331051	Pig iron, excluding silvery iron.....	1,000 short tons..	(D)	(D)	50.4	2.9
999811	Iron and steel scrap (excluding home scrap).....	do.	(D)	(D)	13.9	1.0
	Castings (rough and semifinished): ¹					
332011	Iron (gray malleable).....	do.	29.4	11.6	15.6	6.2
332300	Steel.....	do.	4.5	3.8	2.9	2.6
362120	Integral horsepower electric motors and generators (1 hp. and over) ¹	1,000.....	20.6	13.4	8.3	5.4
	Bearings:					
356218	Ball.....		(X)	5.4	(X)	3.2
356201	Roller.....		(X)	1.8	(X)	0.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	120.4	(X)	104.8
972000	Materials, etc., n.s.k. ²		(X)	29.9	(X)	11.4
INDUSTRY 3555.— PRINTING TRADES MACHINERY						
	Materials, parts, containers, and supplies, total.....		(X)	234.2	(X)	123.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	23.2	7.4	18.2	5.1
331012	Sheet and strip.....	do.	3.8	1.0	2.4	0.5
331013	Plates.....	do.	4.6	1.7	2.5	0.6
331019	All other carbon steel mill shapes and forms.....	do.	4.2	1.4	3.644	1.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3555.--PRINTING TRADES MACHINERY--Continued					
331021	Alloy steel (except stainless):					
331029	Bars and bar shapes.....	...do.....	(NA)	1.4	1.8	0.8
	All other alloy steel mill shapes and forms.....	...do.....			0.4	0.2
331031	Stainless steel.....	...do.....	0.5	0.6	0.4	0.9
335790	Copper and copper-base alloy:					
	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	0.1	(Z)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.6	0.4	0.2
335123	Plate, sheet, and strip (including military cups and discs).	...do.....			2.6	1.2
335127	Pipe and tube.....	...do.....			(³)	(³)	0.2	0.1
335202	Aluminum and aluminum-base alloy:					
335209	Sheet, plate, and foil.....	...do.....	5.7	3.6	3.2	1.6
	All other aluminum mill shapes and forms.....	...do.....			0.8	0.6
332011	Castings (rough and semifinished): ¹					
	Iron (gray and malleable).....	1,000 short tons.	66.6	28.8	33.2	13.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	2.6	2.9	1.9	2.1
362115	Electrical motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.) excluding timing motors.....	1,000.....	61.6	2.5	29.6	1.1
362120	Integral horsepower motors and generators (1hp. and over)....	...do.....	13.1	6.6	9.0	4.5
356218	Bearings:					
356201	Ball.....	.....	(X)	5.0	(X)	1.9
	Roller.....	.....			(X)	1.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	116.6	(X)	58.9
973000	Materials, containers, supplies, n.s.k. ².....	.....	(X)	53.1	(X)	26.9
	INDUSTRY 3559.--SPECIAL INDUSTRY MACHINERY, N.E.C.					
	Materials, parts, containers, and supplies, total.....	.....	(X)	670.4	(X)	355.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	69.2	15.6	52.8	11.4
331012	Sheet and strip.....	...do.....	44.1	7.8	34.4	6.3
331013	Plates.....	...do.....	120.0	21.1	73.9	12.7
331015	Structural shapes.....	...do.....	38.5	6.9	23.4	4.3
331017	Wire and wire products.....	...do.....	(NA)	2.5	3.8	1.6
331019	All other carbon steel mill shapes and forms.....	...do.....	⁴ 21.9	⁴ 5.7	16.4	3.6
331021	Alloy steel (except stainless):					
331029	Bars and bar shapes.....	...do.....	12.0	6.4	8.7	4.1
	All other alloy steel mill shapes and forms.....	...do.....	(NA)	5.8	4.5	1.7
331031	Stainless steel.....	...do.....	21.5	29.3	8.2	12.0
335102	Copper and copper-base alloy:					
	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.8	2.6	1.5	1.0
335123	Plate, sheet, and strip, (including military cups and discs)	...do.....	(NA)	3.0	1.2	0.9
335127	Pipe and tube.....	...do.....	(³)	(³)	2.0	1.5
335202	Aluminum and aluminum-base alloy:					
335205	Sheet, plate, and foil.....	...do.....	3.4	2.3	1.9	1.0
	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	1.1	0.8	1.3	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	1.7	1.3	2.3	0.9
331051	Primary metals and scrap:					
	Pig iron, excluding silvery iron.....	1,000 short tons.	(D)	(D)	21.3	1.7
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(D)	(D)	69.5	2.0
332011	Castings (rough and semifinished): ¹					
	Iron (gray and malleable).....	...do.....	44.4	21.3	33.4	14.2
332300	Steel.....	...do.....	36.6	23.9	19.8	11.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	5.3	3.9	3.3
336200	Copper and copper-base alloy.....	...do.....	3.8	4.1	2.0	2.0
362115	Electrical motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	1,000.....	(NA)	9.6	53.5	2.1
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	95.8	21.9	51.1	11.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3559.--SPECIAL INDUSTRY MACHINERY, N.E.C.--Continued					
	Bearings:					
356218	Ball.....		(X)	3.9	(X)	3.0
356201	Roller.....		(X)	3.6	(X)	2.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	331.3	(X)	178.8
976000	Materials, etc., n.s.k.....		(X)	134.4	(X)	59.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard note: - Represents zero. (X) Not applicable. (NA) Not available. (Z) Less than 0.1 when rounded. (D) Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

¹No data are available for castings or electric motors and generators for quantities produced and consumed in the same establishment except the following for 1963: industry 3551--iron castings (4.9 thousand short tons) and aluminum castings (0.3 million pounds); industry 3552--iron castings (6.1 thousand short tons) and aluminum castings (0.4 million pounds); industry 3553--iron castings (11.1 thousand short tons) and steel castings (1.2 thousand short tons); industry 3554--iron castings (31.4 thousand short tons); industry 3555--iron castings (3.3 thousand short tons), aluminum castings (0.1 million pounds), and fractional horsepower electric motors (0.5 thousand); industry 3559--iron castings (12.8 thousand short tons), steel castings (0.1 thousand short tons), aluminum castings (1.6 million pounds), copper castings (0.2 million pounds), and fractional horsepower electric motors (0.2 thousand).

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³Combined with material code 970099, "All other materials and components, parts, containers, and supplies consumed."

⁴These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3561.--PUMPS AND COMPRESSORS					
	Materials, parts, containers, and supplies, total.....		(X)	873.7	(X)	570.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	40.0	10.4	38.9	8.7
331012	Sheet and strip.....	do.....	32.8	5.6	33.1	5.7
331013	Plates.....	do.....	44.7	7.0	34.2	5.6
331015	Structural shapes.....	do.....	33.9	5.7	12.1	2.1
331019	All other carbon steel mill shapes and forms.....	do.....	24.3	7.4	26.9	7.4
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	18.4	6.0	12.9	4.0
331029	All other alloy steel.....	do.....	2.3	1.7	3.4	1.6
331031	Stainless steel.....	do.....	10.7	12.4	5.8	7.3
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	2.1	1.6	2.2	1.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	5.1	3.2	4.4	2.5
335123	Plate, sheet, and strip, including military cups and discs...	do.....	0.2	0.1	0.7	0.4
335127	Pipe and tube.....	do.....	9.4	7.3	4.7	3.1
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	do.....	1.1	0.9	1.2	0.6
335209	All other aluminum mill shapes and forms (sheet, plate, foil, wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....	0.4	0.3	1.4	1.0
	Primary metals:					
331051	Pig iron excluding silvery iron.....	1,000 short tons.	37.9	2.5	26.2	1.8
333122	Copper and copper-base alloy refinery shapes.....	do.....	5.7	5.2	5.4	3.1
999811	Iron and steel scrap (excluding home scrap).....	do.....	61.8	2.6	33.2	1.3
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	do.....	143.7	63.7	115.4	43.1
332300	Steel.....	do.....	27.2	26.9	11.0	14.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.2	7.1	5.5	4.5
336200	Copper and copper-base alloy.....	do.....	14.5	15.4	17.1	13.4
339100	Iron and steel forgings ¹	1,000 short tons.	19.5	20.7	8.8	8.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	Mill shapes and forms (except castings):--Continued					
	Engines: ¹					
351920	Diesel and semidiesel.....	1,000.....	3.7	7.3	2.0	6.5
351901	Gasoline and other carburetor.....	...do.....	(NA)	21.8	104.6	7.9
	Electric motors and generators: ¹					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	...do.....	1,617.0	28.7	1,421.8	24.6
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	366.6	40.1	231.7	26.9
	Bearings:					
356218	Ball.....	.....	(X)	7.1	(X)	4.2
356201	Roller.....	.....	(X)	5.4	(X)	11.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	426.5	(X)	305.0
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	123.1	(X)	41.3
	INDUSTRY 3562.--BALL AND ROLLER BEARINGS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	462.9	(X)	343.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	34.1	10.8	13.2	4.5
331012	Sheet and strip.....	...do.....	71.9	16.3	68.4	13.1
331017	Wire and wire products.....	...do.....	56.4	20.3	22.3	8.6
331013	Plates.....	...do.....	.....	.....	3.8	0.5
331015	Structural shapes.....	...do.....	11.5	4.2	4.7	1.7
331019	All other carbon steel mill shapes and forms.....	...do.....	.....	.....	.....	.....
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	114.3	44.3	138.3	52.3
331029	All other alloy mill shapes and forms.....	...do.....	216.2	110.9	180.2	84.0
331031	Stainless steel.....	...do.....	2.7	4.1	1.2	1.8
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded an/or drawn shapes.....	Million lbs.....	3.1	2.5	2.2	1.2
335123	Plate, sheet, and strip, including military cups and discs....	...do.....	(NA)	0.6	0.3	0.1
335127	Pipe and tube.....	...do.....	(NA)	.....	.....	.....
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	(³)	(³)	(³)	(³)
	Scrap (excluding home scrap):					
999811	Iron and steel.....	...do.....	(³)	(³)	(³)	(³)
999812	Copper and copper-base alloy.....	...do.....	(³)	(³)	(NA)	(NA)
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	23.7	10.0	21.7	8.3
332300	Steel.....	...do.....	9.3	6.7	2.4	1.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(³)	(³)	(³)	(³)
336200	Copper and copper-base alloy.....	...do.....	4.0	4.7	2.9	3.1
339915	Metal powders.....	...do.....	(³)	(³)	(NA)	(NA)
339100	Iron and steel forgings ¹	1,000 short tons.	31.3	22.1	16.6	11.5
	Bearings:					
356218	Ball.....	.....	(X)	15.6	(X)	10.8
356201	Roller.....	.....	(X)	7.7	(X)	3.7
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	176.3	(X)	120.3
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	5.8	(X)	16.7
	INDUSTRY 3564.--BLOWERS AND FANS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	187.6	(X)	114.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	14.8	2.9	10.1	1.9
331012	Sheet and strip.....	...do.....	91.0	15.2	72.3	11.4
331013	Plates.....	...do.....	24.3	4.2	19.5	2.9
331015	Structural shapes.....	...do.....	5.4	1.1	4.5	0.7
331017	Wire and wire products.....	...do.....	1.2	0.8	0.8	0.4
331019	All other carbon steel mill shapes and forms.....	...do.....	7.0	1.5	6.5	1.8
331020	Alloy steel, except stainless.....	...do.....	8.1	2.3	3.5	1.1
331031	Stainless steel.....	...do.....	1.5	2.3	0.9	1.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963				
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)			
	INDUSTRY 3564.--BLOWERS AND FANS--Continued								
335102	Copper and copper-base alloy:								
	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	3.8	{	0.1	(Z)	
335123	Plate, sheet, and strip.....	...do.....					0.6	0.4	
335127	Pipe and tube.....	...do.....					1.1	0.7	
	Aluminum and aluminum-base alloy:								
335202	Sheet, plate, and foil.....	...do.....	18.8	7.2	10.7	4.3			
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	-	-	0.3	0.2			
335209	All other aluminum mill shapes and forms.....	...do.....	2.6	1.1	0.3	0.2			
331051	Pig iron.....	1,000 short tons.	(³)	(³)	1.4	0.1			
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(³)	(³)	(³)	(³)			
	Castings (rough and semifinished): ¹								
332011	Iron (gray and malleable).....	...do.....	7.5	3.6	9.6	4.0			
332300	Steel.....	...do.....	(³)	(³)	0.5	0.4			
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	3.8	1.5	1.1			
336200	Copper and copper-base alloy.....	...do.....	(³)	(³)	0.2	0.2			
	Electric motors and generators:								
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	}	677.4	12.1	{	85.3	1.1	
362115	Other fractional horsepower electric motors.....	...do.....					218.1	4.8	
362120	Integral horsepower motors and generators.....	...do.....					89.6	7.3	
	Bearings:								
356218	Ball.....	.....	(X)	3.1	(X)	3.2		
356201	Roller.....	.....	(X)	0.4	(X)	0.6		
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	79.1	(X)	50.3		
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	32.3	(X)	14.4		
	INDUSTRY 3565.--INDUSTRIAL PATTERNS								
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	29.9	(X)	23.5		
	Mill shapes and forms (except castings):								
	Carbon steel:								
331011	Bars and bar shapes.....	1,000 short tons.	(NA)	0.2	0.6	0.2			
331012	Sheet and strip.....	...do.....	(NA)	0.2	0.1	(Z)			
331013	Plates.....	...do.....	}	(NA)	0.4	1.4	0.3		
331015	Structural shapes.....	...do.....							
331017	Wire and wire products.....	...do.....							
331019	All other carbon steel mill shapes and forms.....	...do.....	}	(NA)	0.1	0.4	0.2		
331021	Alloy Steel (except stainless):								
331029	Bars and bar shapes.....	...do.....							
331029	All other alloy steel mill shapes and forms.....	...do.....	(NA)	0.1	0.4	0.2			
331031	Stainless steel.....	...do.....							
	Copper and copper-base alloy:								
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	0.1	(NA)	(Z)		
335123	Plate, sheet and strip (including military cups and discs)..	...do.....							
335127	Pipe and tube.....	...do.....							
	Aluminum and aluminum-base alloy:								
335202	Sheet, plate and foil.....	...do.....	(NA)	0.4	{	0.3	0.2		
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	(Z)					
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.1					
	Castings (rough and semifinished): ¹								
332011	Iron (gray and malleable).....	1,000 short tons.	2.1	1.5	1.9	0.7			
332300	Steel.....	...do.....	(NA)	0.2	0.2	0.1			
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	2.1	1.8	1.5			
336200	Copper and copper-base alloy.....	...do.....	(NA)	0.1	0.1	0.1			
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	10.9	(X)	7.7		
972000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	13.6	(X)	12.4		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3566.--POWER TRANSMISSION EQUIPMENT					
	Materials, components, parts, containers, and supplies, total.....		(X)	399.7	(X)	290.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	89.4	21.3	78.8	16.5
331012	Sheet and strip.....	..do.....	80.9	19.6	85.0	18.1
331013	Plates.....	..do.....	42.7	8.2	29.9	4.7
331015	Structural shapes.....	..do.....	2.3	0.6	3.7	0.8
331017	Wire and wire products.....	..do.....	4.1	2.4	3.3	1.6
331019	All other carbon steel mill shapes and forms.....	..do.....	10.0	3.1	7.8	2.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	..do.....	31.4	10.1	35.6	9.9
331029	All other alloy steel mill shapes and forms.....	..do.....	23.2	10.6	16.9	8.2
331031	Stainless steel.....	..do.....	2.2	3.1	1.6	2.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	2.8	1.7	2.0	1.6
335127	Pipe and tube.....	..do.....	4.7	2.5		0.8
335123	Plate, sheet, and strip, including military cups and discs...	..do.....	0.7	0.7		
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	7.3	5.5	9.2	6.1
	Scrap (excluding home scrap):					
999811	Iron and steel.....	..do.....	29.7	1.4	39.7	1.6
999812	Copper and copper-base alloy.....	..do.....	15.3	9.3	13.0	6.1
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	..do.....	105.8	37.7	84.5	25.6
332300	Steel.....	..do.....	9.8	6.9	18.0	8.4
336100	Aluminum and aluminum-base alloy.....	million lbs.....	6.4	5.3	2.5	2.3
336200	Copper and copper-base alloy.....	..do.....	10.9	9.4	9.2	5.8
339915	Metal powders.....	Million lbs.....	7.6	2.6	(NA)	(NA)
339100	Iron and steel forgings ¹	1,000 short tons.	56.1	25.6	36.2	15.8
	Bearings:					
356218	Ball.....	.....	(X)	10.8	(X)	9.6
356201	Roller.....	.....	(X)	8.3	(X)	6.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	111.9	(X)	102.3
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	81.1	(X)	33.6
	INDUSTRY 3567.--INDUSTRIAL FURNACES AND OVENS					
	Materials, components, parts, containers, and supplies, total.....		(X)	198.3	(X)	113.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	27.0	4.6	38.5	5.9
331013	Plates.....	..do.....	52.7	9.2	38.5	3.0
331015	Structural shapes.....	..do.....	27.8	4.9	8.8	1.5
331019	All other carbon steel mill shapes and forms.....	..do.....	9.6	2.1	6.2	1.6
331020	Alloy steel (except stainless).....	..do.....	12.3	20.2	1.1	0.9
331031	Stainless steel.....	..do.....			3.7	7.2
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	5.7	4.5	0.4	0.3
335123	Plate, sheet, and strip, including military cups and discs...	..do.....			0.4	0.3
335127	Pipe and tube.....	..do.....			3.9	3.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	..do.....	(NA)	4.4	3.7	1.9
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....			0.4	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....			0.1	(Z)
332300	Steel castings (rough and semifinished) ¹	1,000 short tons.	4.5	2.6	5.8	3.3
970099	All other materials and components, parts, components, parts, containers, and supplies consumed.....	.....	(X)	101.7	(X)	63.5
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	44.1	(X)	20.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3569.--GENERAL INDUSTRIAL MACHINERY, N.E.C.					
	Materials, components, parts, containers, and supplies, total	.....	(X)	328.0	(X)	222.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	40.4	9.2	40.6	7.4
331012	Sheet and strip.....	...do.....	34.7	6.4	30.9	5.3
331013	Plates.....	...do.....	42.2	7.8	22.0	3.7
331015	Structural shapes.....	...do.....	25.2	5.4	13.3	2.5
331017	Wire and wire products.....	...do.....	(NA)	0.9	1.5	0.8
331019	All other carbon steel mill shapes and forms.....	...do.....	47.6	42.2	14.2	3.3
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	5.7	2.5	3.4	1.4
331029	All other alloy steel mill shapes and forms.....	...do.....	5.2	2.8	3.3	1.6
331031	Stainless steel.....	...do.....	5.8	10.2	4.5	7.0
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.2	1.0	1.0	0.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	(NA)	1.0	0.9	0.9
335127	Pipe and tube.....	...do.....	(5)	(5)	1.3	0.7
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	3.9	2.4	4.7	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc	...do.....	(NA)	1.2	1.6	1.9
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	1.6	1.5	1.3
331051	Pig iron excluding silvery iron.....	1,000 short tons.	(3)	(3)	0.5	(Z)
999811	Iron and steel scrap (excluding home scrap).....	...do.....	(3)	(3)	2.4	0.1
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	21.6	10.5	13.7	6.3
332300	Steel.....	...do.....	5.1	5.1	2.5	2.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	3.3	1.4	1.0
336200	Copper and copper-base alloy.....	...do.....	4.3	4.4	2.4	2.0
	Electric motors and generators: ¹					
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors).....	Thousands.....	124.0	4.8	51.2	1.9
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	23.9	3.0	18.6	2.1
	Bearings:					
356218	Ball.....	.....	(X)	1.0	(X)	0.9
356201	Roller.....	.....	(X)	0.7	(X)	0.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	155.2	(X)	115.5
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	85.4	(X)	49.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated. (Z) Less than \$50 thousand.

¹For 1967, 77.1 thousand short tons of iron castings (code 332011) were produced and consumed in the same establishment for industry 3561. No other data are available for 1967 on the quantities of castings, forgings, engines, or electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3561-- iron castings (code 332011), 54.9 thousand short tons; fractional horsepower electric motors (code 362115), 420.4 thousand units; and integral horsepower motors and generators (code 362120), 13.4 thousand units; industry 3564-- iron castings (code 332011), 1.7 thousand short tons; and aluminum and aluminum-base alloy castings (code 336100), 0.5 thousand short tons; industry 3566-- iron castings (code 332011), 34.7 thousand short tons; and steel castings (code 332300), 0.1 thousand short tons; industry 3569-- iron castings (code 332011), 1.8 thousand short tons; and integral horsepower motors and generators (code 362120), 0.3 thousand units.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³Included with material code 970099 "All other materials and components, etc." to avoid disclosing figures for individual companies.

⁴These figures are understated by \$5 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁵Included with material code 970099 "All other materials and components, etc."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3572.--TYPEWRITERS						
	Materials, parts, containers, and supplies, total.....		(X)	146.6	(X)	73.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	30.0	8.7	5.9	1.5
331012	Sheet and strip.....	...do.....			20.2	5.3
331017	Wire and wire products.....	...do.....			1.7	0.4
331015	Structural shapes.....	...do.....			0.8	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel (except stainless).....	...do.....			0.5	0.3
331031	Stainless steel.....	...do.....			0.1	0.2
	Copper and copper-base alloy:					
335728	Bare wire (For electrical conduction only).....	million lbs.....	(1)	(1)	(NA)	(NA)
335790	Insulated wire and cable.....	million lbs. copper content..	(1)	(1)	(1)	(1)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	(1)	(1)	(1)	(1)
335123	Plate, sheet, and strip (including military cups and discs).. Pipe and tube.....	...do.....				
335127		...do.....				
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	2.2	1.9	0.8	0.7
335202	Sheet, plate, and foil.....	...do.....			0.6	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar powder, welded tubing).....	...do.....				
	Castings (rough and semifinished): ²					
332300	Steel.....	1,000 short tons.	1.2	0.7	3.0	1.5
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.8	1.9	4.5	3.7
	Electric motors and generators: ²					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	1,359.9	5.8	(1)	(1)
362115	Fractional horsepower electric motors (excluding timing motors).....	...do.....			688.3	4.1
362120	Integral horsepower motors and generators (1 h.p. and over)....	...do.....	-	-	(NA)	(NA)
	Bearings:					
356218	Ball.....	.....	(X)	(1)	(X)	0.5
356201	Roller.....	.....			
367010	Electron tubes, except X-ray ²	million.....	(1)	(1)	(1)	(1)
367408	Solid state semiconductors ².....	...do.....	(1)	(1)	(1)	(1)
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except solid state semi- conductors.....	.....	(X)	(1)	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	100.3	(X)	53.7
976000	Materials and components, n.s.k. ³.....	.....	(X)	27.3	(X)	1.5

Material	Unit of measure	1967		1963	
		Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
		INDUSTRY 3573.--ELEC- TRONIC COMPUTING EQUIPMENT		INDUSTRY 3574.--CALCU- LATING AND ACCOUNTING MACHINES	
				INDUSTRIES 3573 AND 3574.--COMPUTING AND RELATED MACHINES	
	Materials, parts, containers, and supplies, total.....	(X)	⁴ 1,768.1	(X)	⁴ 1,388.7
	Mill shapes and forms (except castings):				
	Carbon steel:				
331011	Bars and bar shapes.....	1,000 short tons.	1.8	(⁵)	(⁵)
331012	Sheet and strip.....	...do.....	(NA)	30.1	7.6
331015	Structural shapes.....	...do.....	(⁶)	⁵ 13.6	11.0
331017	Wire and wire products.....	...do.....	2.9		22.9
331019	All other carbon steel mill shapes and forms..	...do.....	⁶ 6.7		1.4
331020	Alloy steel (except stainless).....	...do.....	2.1	⁵ 4.4	0.2
331031	Stainless steel.....	...do.....			0.3
					0.7
					2.0
					1.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967				1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
			INDUSTRY 3573.--ELEC- TRONIC COMPUTING EQUIPMENT--Con.		INDUSTRY 3574.--CALCU- LATING AND ACCOUNTING MACHINES--Con.		INDUSTRIES 3573 AND 3574.--COMPUTING AND RELATED MACHINES--Con.	
	Materials, parts, containers, and supplies,-- Continued							
	Mill shapes and forms (except castings)--Continued							
	Copper and copper-base alloy:							
335728	Bare wire for electrical conduction.....	Million lbs.....	(1)	(1)	(1)	(1)	5.7	4.4
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	39.0	(1)	(1)		
335102	Rod, bar, and mechanical wire, including extruded an/or drawn shapes.....	Million lbs.....	0.5	0.6	(1)	(1)	0.8	0.5
335123	Plate, sheet, and strip (including military cups and discs).....	do.....			(1)	(1)	2.4	2.9
335127	Pipe and tube.....	do.....			(1)	(1)	0.3	0.3
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate and foil.....	do.....	8.9	8.4	3.6	2.0	1.9	1.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	do.....					1.6	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	do.....					0.7	0.4
	Castings (rough and semifinished): ²							
332300	Steel.....	1,000 short tons.	(NA)	2.8	(1)	(1)	0.6	0.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.2	4.1	(1)	(1)	2.7	3.2
	Electric motors and generators: ²							
	Fractional horsepower electric motors (under 1 hp.):							
362110	Timing motors, synchronous and subsynchronous.	1,000.....	(NA)	4.7	214.3	0.5	(NA)	1.6
362115	Other fractional horsepower electric motors...	do.....	(1)	(1)	(1)	(1)	353.2	7.9
362120	Integral horsepower motors and generators (1 hp. and over).....	do.....	(1)	(1)	(1)	(1)	13.0	4.1
	Bearings:							
356218	Ball.....	do.....	(X)	4.1	(X)	(1)	(X)	3.1
356201	Roller.....	do.....			(X)	(1)	(X)	0.2
367010	Electron tubes, except X-ray ²	Millions.....	0.5	1.0	(1)	(1)	1.1	2.5
367408	Solid state semiconductors ²	do.....	348.4	141.4	92.2	13.4	257.2	100.8
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except solid state semiconductors.....	do.....	(X)	205.7	(X)	12.2	(X)	1,215.8
357330	Parts and attachments specially designed for electronic computing equipment.....	do.....	(X)	688.7	(X)	(1)	(X)	
970099	All other materials and components, parts, containers, and supplies consumed.....	do.....	(X)	622.6	(X)	89.4	(X)	
976000	Materials and components, n.s.k. ³	do.....	(X)	29.5	(X)	11.8	(X)	24.3
Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 3576.--SCALES AND BALANCES							
	Materials, parts, containers, and supplies, total.....	do.....	(X)	46.9	(X)	32.0		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 Short tons.	2.0	0.5	2.1	0.5		
331012	Sheet and strip.....	do.....	17.5	3.1	22.5	3.5		
331015	Structural shapes.....	do.....	5.8	1.0	4.7	0.9		
331017	Wire and wire products.....	do.....	1.7	0.4	0.1	(Z)		
331019	All other carbon steel mill shapes and forms.....	do.....			2.1	0.5		
331020	Alloy steel (except stainless).....	do.....	0.6	0.9	0.1	0.1		
331031	Stainless steel.....	do.....			0.4	0.6		
	Copper and copper-base alloy:							
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(Z)	(Z)	(NA)	(NA)		
335790	Insulated wire and cable.....	Million lbs copper content..	(1)	(1)	(1)	(1)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(1)	(1)	(1)	(1)		
335123	Plate, sheet, and strip (including military cups and discs)...	do.....						
335127	Pipe and tube.....	do.....						

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
	INDUSTRY 3576.--SCALES AND BALANCES--Continued						
	Materials, parts, containers, and supplies--Continued						
	Mill shapes and forms (except castings)--Continued						
	Aluminum and aluminum base alloy:						
335202	Sheet, plate, and foil.....	...do.....	(1)	(1)	{	0.4	
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	...do.....				(Z)	
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				(Z)	
	Castings (rough and semifinished): ²						
332300	Steel.....	Short tons.....	0.3	0.2	0.2	0.2	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	1.8	2.4	1.6	
	Electric motors and generators: ²						
	Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	4.1	0.4	2.6	0.1	
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	11.3	0.5	10.9	0.3	
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	(NA)	0.3	(NA)	0.1	
	Bearings:						
356218	Ball.....	.....	(X)	0.2	(X)	0.1
356201	Roller.....	.....				
367010	Electron tubes, except X-ray ²	Million.....	(1)	(1)	(1)	(1)	
367408	Solid state semiconductors ².....	...do.....	(1)	(1)	(1)	(1)
367901	Resistors, capacitors, transformers, sockets, and other electronic components and accessories, except state semiconductors.....	.....	(X)	(1)	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	19.6	(X)	16.3
976000	Materials and components, n.s.k. ³.....	.....	(X)	18.0	(X)	7.0
	INDUSTRY 3579.--OFFICE MACHINES, N.E.C.						
	Materials, parts, containers, and supplies, total.....	.....	(X)	106.2	(X)	77.8
	Mill shapes and forms (except castings):						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	2.6	0.8	4.4	1.4	
331012	Sheet and strip.....	...do.....	17.3	5.2	15.3	3.8	
331017	Wire and wire products.....	...do.....	{	3.9	{	5.7	
331015	Structural shapes.....	...do.....				2.5	
331019	All other carbon steel mill shapes and forms.....	...do.....				1.3	
331020	Alloy steel (except stainless).....	...do.....	0.2	0.2	0.7	0.5	
331031	Stainless steel.....	...do.....	0.4	0.5	0.4	0.5	
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction).....	Million lbs.....	(1)	(1)	{	0.3	
335790	Insulated wire and cable.....	Million lbs copper content....	(NA)	0.3			
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	{	0.7	{	0.3	
335123	Plate, sheet, and strip (including military cups and discs).....	...do.....				(NA)	0.6
335127	Pipe and tube.....	...do.....				(Z)	(Z)
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate and foil.....	...do.....	(7)	(7)	0.9	0.6	
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	0.3	0.2	0.8	0.6	
335209	All other aluminum mill shapes and forms.....	...do.....	0.9	1.6	0.9	0.9	
	Castings (rough and semifinished): ²						
332300	Steel.....	1,000 short tons.	1.7	0.8	0.6	0.3	
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(1)	(1)	1.6	1.5	
	Electric motors and generators: ²						
	Fractional horsepower electric motors (under 1 hp.):						
362110	Timing motors, synchronous and subsynchronous.....	1,000 short tons.	313.8	2.1	50.3	0.2	
362115	Fractional horsepower electric motors.....	...do.....	208.1	2.6	150.5	1.9	
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	-	-	(1)	(1)	
	Bearings:						
356218	Ball.....	.....	(X)	1.0	(X)	0.5
356201	Roller.....	.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3579.--OFFICE MACHINES, N.E.C.--Continued					
367010	Electron tubes except X-ray ²	Million lbs.....	0.1	(Z)	0.1	0.1
367408	Solid state semiconductors ².....	...do.....	1.4	0.3	1.1	0.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	65.1	(X)	43.3
976000	Materials and components, n.s.k. ³.....	.....	(X)	20.9	(X)	16.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ⁶From 10 to 30 percent of this figure was estimated. (Z) Under 50 thousand (or under 50 employees).

¹Included with material code 970099, "All other materials, etc." to avoid disclosing figures of individual companies.

²No data are available for the quantities of castings, electric motors and generators, electron tubes or solid state semiconductors produced and consumed in the same establishment.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

⁴Includes extensive duplication because the products of some establishments are consumed as materials by other establishments in the same industry.

⁵Data for material code 331011, carbon steel bars and bar shapes, have been included with material codes 331015 through 331031 for industry 3574, calculating and accounting machines.

⁶Data for material code 331015, carbon steel structural shapes, have been included with material code 331019, all other carbon steel mill shapes and forms, for industry 3573, Electronic Computing Equipment.

⁷Aluminum sheet, plate, and foil, code 335202, is included with code 335209 "All other aluminum mill shapes and forms."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3581.—AUTOMATIC MERCHANDISING MACHINES					
	Materials, parts, containers, and supplies, total.....		(X)	112.7	(X)	108.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1000 short tons..	(NA)	0.2	1.4	0.3
331012	Sheet and strip.....	...do.....	70.0	12.8	58.0	10.1
331013	Plates.....	...do.....	(NA)	0.3	0.2	0.1
331015	Structural shapes.....	...do.....			0.2	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....			0.6	0.2
331020	Alloy steel (except stainless).....	...do.....	0.9	0.6	0.3	0.2
331031	Stainless steel mill shapes and forms.....	...do.....	0.8	0.9	2.7	3.1
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	(¹)	(¹)	1.6	1.0
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	2.7	1.7	0.7	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....			0.5	0.5
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	1000 short tons..	(NA)	0.9	(¹)	(¹)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(¹)	(¹)	0.7	0.4
336200	Copper and copper-base alloy.....	...do.....	(Z)	(Z)	0.1	0.1
	Electric motors and generators: ²					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000.....	921.8	4.7	957.5	3.4
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	(NA)	1.6	174.4	1.7
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	(¹)	(¹)	(¹)	(¹)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	78.4	(X)	67.5
976000	Materials, containers, supplies, n.s.k. ³		(X)	10.6	(X)	19.7
	INDUSTRY 3582.—COMMERCIAL LAUNDRY EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	75.9	(X)	57.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	5.8	1.2	5.2	1.1
331012	Sheet and strip.....	...do.....	17.6	3.0	14.3	2.3
331013	Plates.....	...do.....	8.9	1.6	4.7	0.9
331015	Structural shapes.....	...do.....	(NA)	0.3	1.7	0.5
331019	All other carbon steel mill shapes and forms.....	...do.....	3.0	0.8	2.2	0.7
331020	Alloy steel (except stainless).....	...do.....	0.8	0.3		
331031	Stainless steel mill shapes and forms.....	...do.....	3.2	4.0	2.4	2.8
335121	Copper and copper-base alloy mill shapes and forms.....	1,000 pounds.....	(NA)	0.3	0.7	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(NA)	0.4	0.5	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.2	0.2	0.1
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	1,000 short tons.....	12.2	5.7	11.8	3.3
336100	Aluminum and aluminum-base alloy.....	Millions lbs.....	(¹)	(¹)	0.6	0.6
336200	Copper and copper-base alloy.....	...do.....	0.4	0.3	0.6	0.4
	Electric motors and generators: ²					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	0.9	58.8	0.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	79.1	2.1	68.4	1.4
362120	Integral horsepower motors and generators (1hp. and over).....	...do.....	25.2	3.5	19.1	2.9
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	45.0	(X)	33.4
976000	Materials, containers, supplies, n.s.k. ³		(X)	6.3	(X)	5.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
INDUSTRY 3585.--REFRIGERATION MACHINERY								
	Materials, parts, containers, and supplies, total.....		(X)	⁴ 1,532.5	(X)	⁴ 958.0		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 short tons.	80.3	18.4	27.1	5.1		
331012	Sheet and strip.....	...do.....	457.5	81.1	347.6	61.0		
331013	Plates.....	...do.....	39.9	6.4	44.3	7.0		
331015	Structural shapes.....	...do.....	26.8	4.9	8.4	1.6		
331017	Wire and wire products.....	...do.....	7.5	1.8	2.4	1.0		
331019	All other carbon steel mill shapes and forms.....	...do.....	26.0	7.0	14.1	3.5		
331020	Alloy steel except stainless.....	...do.....	8.3	1.8	6.2	2.1		
331031	Stainless steel.....	...do.....	15.7	18.4	1.4	16.1		
	Copper and copper-base alloy:							
335728	Bare wire (for electrical conduction).....	Million lbs.....	4.3	3.2	1.4	1.1		
335790	Insulated wire and cable.....	Million lbs. (copper content).	4.2	3.2				
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	45.2	24.7	2.4	1.3		
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....					11.3	6.3
335127	Pipe and tube.....	...do.....					80.5	49.5
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate, and foil.....	...do.....	127.6	48.1	65.5	24.8		
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	10.0	6.7	3.9	2.2		
335209	All other aluminum mill shapes and forms, (wire, rolled rod and bar powder welded tubing, etc.).....	...do.....	14.5	6.9	2.5	1.0		
	Castings (rough and semifinished): ²							
332011	Iron (gray and malleable).....	1,000 short tons.	132.2	50.0	91.9	31.1		
332300	Steel.....	...do.....	12.6	7.4	17.1	7.7		
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	24.8	12.0	8.5	5.2		
336200	Copper and copper-base alloy.....	...do.....	2.4	2.0	6.8	3.9		
339100	Iron and steel forgings ²	1,000 short tons.	13.5	5.6	5.5	2.9		
	Electric motors and generators: ²							
	Fractional horsepower electric motors (under 1 hp.):							
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	27.9	(NA)	5.3		
362115	Fractional horsepower electric motors (including timing motors).....	...do.....	9,979.0	104.2	8,435.1	61.9		
362120	Integral horsepower motors and generators (1 hp. and over).....	...do.....	4,240.0	107.9	3,366.8	68.7		
	Bearings:							
356218	Ball.....	.....	(X)	5.7	(X)	2.7	
356201	Roller.....	.....	(X)	0.2	(X)	0.4	
260091	Paper and paperboard containers.....	.....	(X)	17.8	(X)	7.9	
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	723.9	(X)	504.1	
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	130.3	(X)	72.8	
INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS								
	Materials, parts, containers, and supplies, total.....		(X)	66.9	(X)	59.8		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331012	Sheet and strip.....	1,000 short tons..	21.7	3.6	13.5	2.2		
331011	Bars and bar shapes.....	...do.....	18.6	4.9	8.2	2.2		
331013	Plates.....	...do.....			1.1	0.1		
331015	Structural shapes.....	...do.....			1.4	0.2		
331019	All other carbon steel mill shapes and forms.....	...do.....			1.6	0.5		
	Alloy steel (except stainless):							
331021	Bar and bar shapes.....	...do.....	1.3	1.7	0.1	(Z)		
331029	All other alloy steel.....	...do.....			(Z)	(Z)		
331031	Stainless steel.....	...do.....			0.7	1.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3586.--MEASURING AND DISPENSING PUMPS--Continued					
335790	Copper and copper-base alloy: Insulated wire and cable.....	Million lbs. (copper content).	(¹)	(¹)	0.1	0.1
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.8	1.1	1.0	0.5
335123	Plate, sheet, and strip (including military cups and discs)...	...do.....			0.2	0.2
335127	Pipe and tube.....	...do.....			0.3	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(Z)	(Z)	0.2	0.2
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	(NA)	0.4	0.4	0.4
335209	All other aluminum mill shapes and forms (wire, rolled rod... and bar, powder, welded tubing, etc.).....	...do.....			0.1	(Z)
999811	Iron and steel scrap (excluding home scrap).....	1,000 short tons..	(Z)	(Z)	(¹)	(¹)
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	...do.....	12.0	3.7	8.8	2.9
332300	Steel.....	...do.....	(¹)	(¹)	(¹)	(¹)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(NA)	1.3	2.7	2.0
336200	Copper and copper-base alloy.....	...do.....	(¹)	(¹)	0.5	0.5
339100	Iron and steel forgings ².....	.....	(¹)	(¹)	(¹)	(¹)
351901	Gasoline and other carburetor engines ²	1,000.....	(¹)	(¹)	1.0	0.2
	Electric motors and generators: ²					
362115	Fractional horsepower electric motor (under 1 hp.) (excluding timing motors).....	...do.....	148.5	3.5	121.1	3.1
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(D)	(¹)	2.6	0.2
	Bearings:					
356218	Ball.....	.....	(X)	(¹)	(X)	0.2
356201	Roller.....	.....			(X)	0.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	41.3	(X)	40.2
972000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	5.4	(X)	2.5
	INDUSTRY 3589.--SERVICE INDUSTRY MACHINES, N.E.C.					
	Materials, parts, containers and supplies, total.....	.....	(X)	243.4	(X)	150.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	10.0	2.9	4.1	1.3
331012	Sheet and strip.....	...do.....	35.6	7.3	27.4	4.3
331013	Plates.....	...do.....	31.0	7.0	2.4	0.6
331015	Structural shapes.....	...do.....	18.5	4.6	1.5	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....			3.0	0.6
331020	Alloy steel (except stainless).....	...do.....	14.8	14.8	1.9	1.4
331031	Stainless steel mill shapes and forms.....	...do.....			8.8	9.9
335121	Copper and copper-base alloy mill shapes and forms.....	Million lbs.....	1.6	1.3	1.6	1.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	(NA)	2.8	1.0	0.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, extruded shapes, etc.).....	...do.....	(NA)	0.8	0.4	0.4
	Castings (rough and semifinished): ⁵					
332011	Iron (gray and malleable).....	1,000 short tons.	11.0	5.8	10.1	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.3	4.7	5.7	4.2
336200	Copper and copper-base alloy.....	...do.....	1.9	1.7	1.3	1.0
	Electric motors and generators: ⁵					
362110	Fractional horsepower electric motors (under 1 hp.) timing motors, synchronous and subsynchronous.....	1,000 short tons.	108.2	2.7	68.2	1.1
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	336.2	5.0	244.3	3.4
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	52.7	4.7	35.1	2.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	128.5	(X)	87.0
976000	Materials, containers, and supplies, n.s.k. ³.....	.....	(X)	48.8	(X)	27.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3599.--MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL					
	Materials, parts, containers, and supplies, total.....		(X)	921.7	(X)	528.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	163.3	44.8	103.3	22.3
331012	Sheet and strip.....	...do.....	86.1	17.0	61.3	10.7
331013	Plates.....	...do.....	58.3	11.6	37.0	6.3
331015	Structural shapes.....	...do.....	42.5	7.6	23.4	4.2
331017	Wire and wire products.....	...do.....	13.1	4.7	5.2	2.7
331019	All other carbon steel mill shapes and forms.....	...do.....	⁶ 22.7	⁶ 8.8	31.0	7.2
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	29.2	18.5	23.8	6.4
331029	All other alloy steel mill shapes and forms.....	...do.....	10.1	5.7	10.1	6.1
331031	Stainless steel.....	...do.....	21.4	32.3	12.0	17.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(¹)	(¹)	0.1	0.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	(¹)	(¹)	0.2	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	13.4	9.4	6.1	3.2
335123	Plate, sheet, and strip (including military cups and discs).	...do.....	6.0	4.5	3.2	2.1
335127	Pipe and tube.....	...do.....	(⁷)	(⁷)	6.0	3.5
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	12.4	11.5	5.5	3.5
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	14.1	9.3	6.7	5.1
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	...do.....	20.5	8.5	11.9	6.0
	Castings (rough and semifinished): ⁵					
332011	Iron (gray and malleable).....	1,000 short tons.	75.2	35.8	55.0	22.1
332300	Steel.....	...do.....	24.5	19.9	16.3	9.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	44.7	29.3	23.0	15.3
336200	Copper and copper-base alloy.....	...do.....	(NA)	6.2	2.8	2.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	300.2	(X)	181.3
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	336.1	(X)	190.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

¹Included with material code 970099, "All other materials and components..." to avoid disclosing figures for individual companies.

²Excludes materials produced and consumed into products at the same establishment.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁴Includes extensive duplication because the products of some establishments are consumed as materials by other establishments in the same industry.

⁵No data are available for 1967 on the quantities of castings and electric motors and generators produced and consumed in the same establishment. For 1963, the following data are available: industry 3589--iron castings (code 332011), 1.0 thousand short tons; and other fractional horsepower electric motors (code 362115), 8.7 thousand units; industry 3599--iron castings (code 332011), 7.7 thousand short tons; steel casting (code 332200), 0.9 thousand short tons; aluminum castings (code 336100) 2.9 million pounds; and copper castings (code 336200), 3.2 million pounds.

⁶These figures are understated by \$10 million or less because of apparent undercoverage of carbon steel pipe and tube.

⁷Included with material code 970099, "All other materials and components, etc."

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3611.--ELECTRIC MEASURING INSTRUMENTS						
	Materials, parts, containers, and supplies, total.....		(X)	352.3	(X)	217.1
	Mill shapes (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	1.1	0.5	0.9	0.5
331012	Sheet and strip.....	...do.....	11.8	2.8	8.8	1.6
331013	Plates.....	...do.....	(1)	(1)	0.1	(2)
331015	Structural shapes.....	...do.....	0.5	0.1		
331017	Wire and wire products.....	...do.....	0.8	0.8	0.2	0.3
331019	All other carbon steel mill shapes and forms.....	...do.....	10.9	10.5		
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	2.7	1.0	(2)	(2)
331029	All other alloy steel mill shapes and forms.....	...do.....			3.7	1.7
331031	Stainless steel.....	...do.....	0.5	0.9	0.6	0.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	2.6	2.3	1.3	1.1
335790	Insulated wire and cable.....	Million lbs (copper content).	17.6	8.7	6.4	3.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.6	1.6	1.3	0.9
335123	Plate, sheet, and strip (including military cups and discs).....	...do.....	2.2	1.6	1.5	1.3
335127	Pipe and tube.....	...do.....	0.2	0.2		
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	5.5	3.2	4.4	2.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	...do.....	1.6	1.3	0.9	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	11.2	0.5	2.1	0.8
	Castings (rough and semifinished): ²					
332300	Steel.....	1,000 short tons..	0.2	0.7	0.2	0.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	2.1	1.6	1.8	1.2
336200	Copper and copper-base alloy.....	...do.....	0.1	0.1	0.1	0.1
	Fractional horsepower electric motors and generators (under 1 hp.): ²					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	-	-	0.3	1.8
362115	Other fractional horsepower electric motors and generators (excluding timing motors).....	...do.....	0.2	1.3	0.1	0.8
	Bearings:					
356218	Ball.....	.....	(X)	0.6	(X)	0.9
356228	Roller.....	.....	-	-	(X)	
367010	Electron tubes, except X-ray ²	Million units.....	5.1	8.1	8.8	10.2
367408	Solid state semiconductors ².....	...do.....	36.0	19.9	12.8	9.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	217.5	(X)	140.7
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	76.5	(X)	35.9
INDUSTRY 3612.--TRANSFORMERS						
	Materials, components, parts, containers, and supplies con- sumed, total.....		(X)	517.0	(X)	324.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	18.2	3.0	8.0	1.4
331012	Sheet and strip.....	...do.....	138.6	43.4	164.0	39.3
331013	Plates.....	...do.....	57.0	7.6	48.3	6.5
331015	Structural shapes.....	...do.....	9.3	1.6	11.6	1.7
331019	All other carbon steel mill shapes and forms.....	...do.....	21.0	10.6	9.9	4.1
331020	Alloy steel (except stainless).....	...do.....	164.0	71.0	107.6	42.7
331031	Stainless steel mill shapes and forms.....	...do.....	1.1	1.0	0.9	0.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	million lbs.....	64.1	44.6	62.3	32.1
335790	Insulated wire and cable.....	million lbs..... (copper content)	93.6	58.2	81.9	34.9
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	26.3	12.0	15.9	6.0
335123	Plate, sheet, and strip (including military cups and discs).....	...do.....	(NA)	4.8	30.1	2.0
335127	Pipe and tube.....	...do.....	1.5	0.8	1.0	0.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3612.--TRANSFORMERS--Continued					
335205	Aluminum and aluminum-base alloy: Extruded shapes, (including extruded rod, bar, pipe tube, etc.).....	Million lbs.....	17.8	9.0	1.6	0.7
335202	Sheet plate and foil.....	...do.....				
335209	All other aluminum mill shapes and forms.....	...do.....				
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	226.0	(X)	143.7
976000	Materials, components, parts, containers and supplies consumed, n.s.k. ³.....	.....	(X)	23.4	(X)	5.4
	INDUSTRY 3613.--SWITCHGEAR AND SWITCHBOARD APPARATUS					
	Materials, parts, containers and supplies, total.....	.....	(X)	603.6	(X)	400.4
	Mill shapes and forms (except castings): Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	39.8	6.5	20.8	3.5
331012	Sheet and strip.....	...do.....	198.3	31.4	200.5	33.8
331013	Plates.....	...do.....	17.8	2.8	17.0	2.1
331015	Structural shapes.....	...do.....	14.8	2.6	10.4	2.2
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)	4.5	6.4	1.8
331020	Alloy steel (except stainless).....	...do.....	5.1	2.2	2.7	1.4
331031	Stainless steel.....	...do.....	2.3	2.5	0.6	0.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	7.9	6.9	3.0	2.0
335790	Insulated wire and cable.....	Million lbs. (copper content)	10.6	10.0	5.2	3.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	41.9	31.8	35.6	18.8
335123	Plate, sheet and strip (including military cups and discs)...	...do.....	13.5	9.4	11.5	6.7
335127	Pipe and tube.....	...do.....	2.4	2.1	2.4	1.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	6.2	3.2	2.7	1.3
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	...do.....	13.8	6.0	5.6	3.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing).....	...do.....	2.6	1.5	2.0	1.0
	Castings (rough and semifinished): ²					
332300	Steel.....	1,000 short tons.	3.4	2.4	1.3	1.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	6.9	5.7	3.2	2.7
336200	Copper and copper-base alloy.....	...do.....	14.1	13.2	10.3	6.9
	Industrial electrical control equipment (received for incorpora- tion only into other industrial electrical control equipment shipped, as such, by this plant):					
362200	Purchased from other companies.....	.....	(X)	⁴ 73.8	(X)	⁴ 40.0
362209	Received from other plants of your company.....	.....	(X)	⁴ 75.8	(X)	⁴ 47.3
282130	Thermoplastic resins, including modified resins.....	Million lbs.....	(NA)	2.3	3.7	1.1
282140	Thermosetting resins.....	...do.....	16.6	6.2	12.3	4.5
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	236.6	(X)	177.3
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	64.2	(X)	35.8
	INDUSTRY 3621.--MOTORS AND GENERATORS					
	Materials, parts, supplies, and containers, total.....	.....	(X)	919.5	(X)	662.1
	Mill shapes and forms (except castings): Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	83.8	17.5	99.6	21.6
331012	Sheet and strip.....	...do.....	590.1	103.9	546.8	95.6
331013	Plates.....	...do.....	60.3	9.8	55.4	8.5
331017	Wire and wire products.....	...do.....	(NA)	2.3	13.9	3.5
331019	All other carbon steel mill shapes and forms.....	...do.....	24.2	6.3	22.2	5.5
331020	Alloy steel (except stainless).....	...do.....	51.6	14.9	12.9	6.7
331031	Stainless steel.....	...do.....	2.1	3.0	4.2	4.5

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3621.--MOTORS AND GENERATORS--Continued					
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	68.3	48.7	25.3	15.5
335790	Insulated wire and cable.....	Million lbs. (copper content)	86.3	69.6	113.6	65.6
335102	Rod, bar, and mechanical wire (including extruded and or/ drawn shapes).....	Million lbs.....	36.0	20.7	70.3	28.2
335123	Plate, sheet, and strip (including military cups discs).....	...do.....	4.0	3.5	5.8	3.2
335127	Pipe and tube.....	...do.....	(NA)	0.2	0.4	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	3.3	1.6	1.5	1.0
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	20.4	6.5	4.3	1.9
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder welded tubing).....	...do.....			12.7	3.6
	Primary metals:					
333122	Copper and copper-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	0.6	0.6
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	19.7	10.6	13.9	6.0
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	...do.....	90.7	35.5	92.0	29.5
332300	Steel.....	...do.....	4.5	3.5	4.0	3.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	22.8	13.6	20.9	14.4
336200	Copper and copper-base alloy.....	...do.....	3.2	2.6	2.4	2.2
339100	Iron and steel forgings ²	1,000 short tons.	4.9	3.3	6.9	4.0
	Engines: ²					
351920	Diesel and semidiesel.....	1,000.....	5.6	17.7	2.7	5.1
351901	Gasoline and other carburetor.....	...do.....	(D)	(D)	7.4	2.9
362120	Integral horsepower electric motors and generators (1 hp. and over) ².....	...do.....	38.3	10.9	10.0	6.1
	Bearings:					
356218	Ball.....	.....	(X)	20.7	(X)	19.0
356201	Roller.....	.....	(X)	1.7	(X)	1.8
367010	Electron tubes, except X-ray ²	Million units....	(D)	(D)	0.2	1.6
367408	Solid state semiconductors ².....	...do.....	1.7	4.5	1.1	2.1
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	402.0	(X)	264.7
976000	Materials, parts, supplies, and containers, n.s.k. ³.....	.....	(X)	84.4	(X)	33.6
	INDUSTRY 3622.--INDUSTRIAL CONTROLS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	358.9	(X)	1,955
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1000 tons.....	4.2	1.2	8.7	1.8
331012	Sheet and strip.....	...do.....	33.3	6.6	29.8	5.6
331013	Plates.....	...do.....	2.7	0.4	1.1	0.2
331015	Structural shapes.....	...do.....	2.9	0.5	2.5	0.6
331019	All other carbon steel mill shapes and forms.....	...do.....	1.2	0.4	3.1	0.7
331020	Alloy steel (except stainless).....	...do.....	15.3	4.0	1.7	0.5
331031	Stainless steel.....	...do.....	1.7	2.1	1.3	1.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	3.4	2.7	3.2	1.5
335790	Insulated wire and cable.....	Million lbs..... (copper content)	(NA)	5.6	5.4	3.8
335102	Rod, bar, and mechanical wire (including extruded and/or drawn shapes).....	Million lbs.....	4.2	2.8	4.1	2.4
335123	Plate, sheet, and strip (including military cups and discs)....	...do.....	3.1	2.6	4.0	2.5
335127	Pipe and tube.....	...do.....	0.5	0.5	0.4	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.9	0.5	0.6	0.4
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.)	...do.....	0.9	0.5	0.4	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar).....	...do.....			0.4	0.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Exolanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3622.--INDUSTRIAL CONTROLS--Continued						
Castings (rough and semifinished): ²						
332300	Steels.....	1000 tons.....	5.2	3.6	3.1	2.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	5.2	1.9	2.6	1.1
336200	Copper and copper-base alloy.....	...do.....	1.5	1.1	1.0	0.8
Industrial electrical control equipment:						
362200	Purchased from other companies.....	.....	(X)	⁴ 52.4	(X)	⁴ 30.7
362209	Received from other plants of your company.....	.....	(X)	⁴ 47.8	(X)	16.7
282130	Thermoplastic resins.....	Million lbs.....	1.9	0.9	0.5	0.3
282140	Thermosetting resins.....	...do.....	(NA)	2.2	8.7	1.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	164.8	(X)	92.3
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	53.8	(X)	26.9
INDUSTRY 3623.--WELDING APPARATUS						
Materials, parts, containers, and supplies, total.....						
			(X)	204.4	(X)	150.5
Mill shapes and forms, except castings:						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	8.9	1.9	10.0	2.4
331012	Sheet and strip.....	...do.....	55.0	9.4	22.8	5.0
331015	Structural shapes.....	...do.....	4.3	0.7	2.2	0.6
331017	Wire and wire products.....	...do.....	182.4	30.6	236.2	36.2
331019	All other carbon steel mill shapes and forms.....	...do.....	28.1	4.1	13.9	2.8
331020	Alloy steel, except stainless.....	...do.....	14.4	6.4	6.2	4.6
331031	Stainless steel.....	...do.....	4.6	6.7	8.8	12.7
Copper and copper-base alloy:						
335728	Bare wire (For electrical conduction only).....	million pounds...	3.1	2.2	1.4	0.8
335790	Insulated wire and cable.....	...do.....	9.1	7.4	6.4	4.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	4.0	4.3	4.9	3.7
335123	Plate, sheet and strip, including military cups and discs....	...do.....	1.4	1.5	0.7	0.5
335127	Pipe and tube.....	...do.....	1.0	0.8	0.3	0.2
336200	Copper and copper-base alloy castings ².....	...do.....	3.1	3.3	2.2	2.1
970099	All other materials, components, parts, containers and supplies consumed.....	.....	(X)	96.3	(X)	64.2
976000	Materials, containers, supplies, n.s.k. ³.....	.....	(X)	26.9	(X)	10.4
INDUSTRY 3624.--CARBON AND GRAPHITE PRODUCTS						
Materials, parts, containers, and supplies, total.....						
			(X)	100.9	(X)	71.4
Mill shapes and forms (except castings):						
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.9	1.0	0.7	0.6
335790	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	(Z)	(Z)
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)
335123	Plate, sheet and strip, including military cups and discs....	...do.....	0.5	0.4	0.3	0.2
335127	Pipe and tube.....	...do.....	(D)	(D)	(D)	(D)
Aluminum and aluminum-base alloy:						
335202	Sheet, plate and foil.....	...do.....	}	(NA)	(NA)	(NA)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	...do.....				
335209	All other aluminum mill shapes and forms wire, rolled rod and bar, powder, welded tubing, etc.....	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	89.7	(X)	67.5
976000	Materials, parts, containers, and supplies consumed, n.s.k. ³.....	.....	(X)	9.8	(X)	3.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3629.--ELECTRICAL INDUSTRIAL APPARATUS, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	125.6	(X)	93.0
	Mill shapes and forms (except castings):					
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(NA)	5.1	5.6	3.3
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	8.4	13.1	8.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA) 3.8	3.7	1.4
335123	Plate, sheet and strip, including military cups and discs...	...do.....			2.1	0.4
335127	Pipe and tube.....	...do.....			0.5	0.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	10.2	3.7	5.5	2.3
335205	Extruded shapes, including extruded rod, bar, pipe tube, etc.	...do.....	1.5	0.9	}	1.2
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	...do.....	0.5	0.5		
367010	Electron tubes, except x-ray ²	1,000 units.....	(D)	(D)	(NA)	(NA)
367408	Solid state semiconductors ².....	...do.....	(D)	(D)	23.1	2.1
281995	Silicon, hyper pure.....	Kilograms.....	(D)	(D)	(NA)	(NA)
333977	Germanium.....	Pounds.....	(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	80.7	(X)	60.1
976000	Materials, containers, supplies, n.s.k. ³		(X)	22.5	(X)	14.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under \$50 thousand.

¹Includes cost for materials for which symbol "D" appears.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3631.—HOUSEHOLD COOKING EQUIPMENT						
	Materials, parts, containers, and supplies, total.....		(X)	268.3	(X)	235.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	277.5	44.4	244.9	40.3
331013	Plates.....	...do.....	5.5	1.8	{ 0.3	{ (Z
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	{ (NA)	{ 4.4	{ 3.7	{ 4.8
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.4	1.6	0.9	1.2
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	{ (NA)	{ 1.3	{ 1.2	{ 1.0
335123	Plate, sheet, and strip, including military cups and discs...	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	1.6	0.7	1.5	0.8
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	2.3	1.6	1.5	0.8
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	0.2	0.1	0.1
333401	Aluminum and aluminum-base alloy refinery shapes.....		(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	1,000 short tons.	7.9	3.3	7.4	3.2
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	492.9	0.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	1,345.6	3.0	408.5	1.9
362120	Integral horsepower electric motors and generators (1 hp. and over).....	...do.....	(D)	(D)	(NA)	(NA)
260091	Paper and paperboard containers.....		(X)	10.7	(X)	4.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	177.4	(X)	147.2
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ²		(X)	17.1	(X)	27.4
INDUSTRY 3632.—HOUSEHOLD REFRIGERATORS AND FREEZERS						
	Materials, parts, containers, and supplies, total.....		(X)	932.9	(X)	648.6
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons	600.7	48.5	640.6	98.5
331017	Wire and wire products.....	...do.....	6.5	1.4	5.7	1.0
331011	Bar and bar shapes.....	...do.....	97.4	19.4	26.2	6.7
331013	Plate.....	...do.....				
331015	Structural shapes.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel (except stainless).....	...do.....	{ 5.0	2.9	4.3	3.6
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	{ 5.3	5.2	2.8	2.0
335790	Insulated wire and cable.....	Million lbs. (copper content)				
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....				
335123	Plate, sheet, and strip (including military cups and discs).	...do.....	{ 27.9	25.5	16.8	12.7
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	Million lbs.....	36.6	13.2	29.8	11.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	10.7	6.4	{ 4.7	{ 3.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3632.--HOUSEHOLD REFRIGERATORS AND FREEZERS--Con.					
	Materials, parts, containers, and supplies--Continued					
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	1,000 short tons.	(D)	(D)	28.1	7.5
332300	Steel.....		(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.3	3.2	3.4	2.7
339100	Iron and steel forgings ¹	1,000 short tons.	(D)	(D)	(D)	(D)
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362210	Timing motors, synchronous and subsynchronous.....	1,000.....	1,381.8	4.4	1,102.5	4.5
362115	Fractional horsepower electric motors (excluding timing motors).....	...do.....	12,555.0	74.8	9,822.2	54.0
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(D)	(D)	(D)	(D)
	Bearings:					
356218	Ball.....		(D)	(D)	(X)	3.2
356228	Roller.....		-	-	-	-
260091	Paper and paperboard containers.....		(NA)	32.4	(NA)	17.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	596.7	(X)	387.6
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ²		(X)	49.1	(X)	30.9
	INDUSTRY 3633.--HOUSEHOLD LAUNDRY EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	538.7	(X)	396.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons..	449.9	75.0	397.9	60.5
331011	Bars and bar shapes.....	...do.....	(NA)	18.9	23.9	5.2
331017	Wire and wire products.....	...do.....			1.4	0.7
331019	All other carbon steel mill shapes and forms.....	...do.....			6.5	1.9
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	2.4	2.4	-	-
331029	All other alloy steel mill shapes and forms.....	...do.....			-	-
331031	Stainless steel.....	...do.....			1.2	1.4
	Cooper and cooper-base alloy:					
335790	Insulated wire and cable.....	Million lbs. (copper content).	4.6	3.7	1.5	1.2
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	-	-
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	(NA)	1.2	(D)	(D)
335123	Plate, sheet, and strip (including military cups and discs)....	...do.....			-	-
335127	Pipe and tube.....	...do.....			-	-
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	6.0	2.1	2.0	1.0
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				
	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..				
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	46.9	12.0	34.2	10.7
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	5.4	3.3	10.5	6.2
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	4,335.5	20.1	1,590.3	4.3
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	5,368.3	51.0	5,875.5	52.4
260091	Paper and paperboard containers.....		(X)	15.0	(X)	11.3
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	293.6	(X)	230.4
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ²		(X)	43.7	(X)	8.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
	INDUSTRY 3634.--ELECTRIC HOUSEWARES AND FANS							
	Materials, components, parts, supplies, and containers, total		(X)	448.8	(X)	335.5		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 short tons.	(NA)	2.1	7.2	2.0		
331012	Sheet and strip.....	..do.....	119.2	24.6	102.2	17.5		
331017	Wire and wire products.....	..do.....	(NA)	3.4	1.7	0.6		
331015	Structural shapes.....	..do.....			-	-		
331013	Plates.....	..do.....			5.3	2.6		
331019	All other carbon steel mill shapes and forms.....	..do.....						
	Alloy steel (except stainless):							
331021	Bars and bar shapes.....	..do.....	(NA)	11.0	14.6	8.2		
331029	All other alloy steel mill shapes and forms.....	..do.....						
331031	Stainless steel.....	..do.....			2.0	2.5		
	Copper and copper-base alloy:							
335728	Bare wire (for electrical conduction only).....	Million lbs.....	6.8	5.2	3.9	3.0		
335790	Insulated wire and cable.....	Million lbs. (copper content)	9.9	9.1	5.6	5.6		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	2.4	0.2	(Z)		
335123	Plate, sheet, and strip (including military cups and discs).. Pipe and tube.....	..do.....			2.4	1.2		
335127		..do.....			0.7	(Z)		
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate, and foil.....	..do.....	22.6	9.2	12.6	5.7		
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc. All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....	1.3	0.8	2.1	1.0		
335209		..do.....	3.7	1.8	3.1	1.5		
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons	8.9	3.9	(D)	(D)		
	Castings (rough and semifinished): ¹							
332011	Iron (gray and malleable).....	..do.....	(D)	(D)	0.6	(Z)		
336100	Aluminum and aluminum-base alloy.....	1,000 lbs.....	19.6	10.7	7.8	5.9		
	Electric motors and generators: ¹							
	Fractional horsepower electric motors (under 1 hp.):							
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	6,224.7	16.8	238.1	2.3		
362115	Other fractional horsepower electric motors (excluding timing motors).....	..do.....			6,192.8	14.6		
362120	Integral horsepower electric motors and generators (1 hp. and over).....	..do.....	(D)	(D)	(X)	(X)		
260091	Paper and paperboard containers.....		(X)	22.6	(X)	14.4		
970099	All other materials and compnents, parts, containers, and supplies consumed.....		(X)	271.5	(X)	214.9		
	Materials, components, containers, and supplies consumed, n.s.k. ²		(X)	53.2	(X)	32.0		
	INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS							
	Materials, components, parts, supplies, and containers, total.....		(X)	105.9	(X)	59.4		
	Mill shapes and forms (except castings):							
	Carbon steel:							
331011	Bars and bar shapes.....	1,000 short tons.	1.3	0.3	1.1	0.2		
331012	Sheet and strip.....	..do.....	27.2	5.0	16.7	3.2		
331015	Structural shapes.....	..do.....	-	-	4.6	1.1		
331017	Wire and wire products.....	..do.....	(NA)	0.3				
331019	All other carbon steel mill shapes and forms.....	..do.....	1.8	0.8				
	Alloy steel (except stainless):							
331021	Bar and bar shapes.....	..do.....	(NA)	0.7	0.7	0.4		
331029	All other alloy steel mill shapes and forms.....	..do.....						
331031	Stainless steel.....	..do.....						
	Copper and copper-base alloy:							
335728	Bare wire (for electrical conduction only).....	Million lbs.....	1.9	1.7	1.3	0.7		
335790	Insulated wire and cable.....	Million lbs. (copper content)	(NA)	2.6	0.4	1.0		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	0.9	0.2	0.1		
335123	Plate, sheet, and strip (including military cups and discs).. Pipe and tube.....	..do.....						
335127		..do.....						
	Aluminum and aluminum-base alloy:							
335202	Sheet, plate and foil.....	Million lbs.....	0.7	0.3	2.6	1.4		
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	..do.....	(NA)	2.2				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....						

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3635.--HOUSEHOLD VACUUM CLEANERS--Con.					
	Materials, components, parts, supplies, and containers, con.					
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	-	-	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.1	6.4	2.0	1.0
	Electric motors and generators (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	377.0	1.9
362115	Other fractional horsepower electric motors (exclude timing motors).....	...do.....	914.6	5.2		
362120	Integral horsepower electric motors and generators (1 hp. and over).....	...do.....	(D)	(D)	(NA)	(NA)
260091	Paper and paperboard containers.....	.....	(X)	6.4	(X)	3.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	67.9	(X)	42.5
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ².....	.....	(X)	5.2	(X)	2.7
	INDUSTRY 3636.--SEWING MACHINES					
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	22.3	(X)	24.2
	Mill shapes and forms (except casting):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	(NA)	2.0	5.8	1.6
331012	Strip and sheet.....	...do.....	(NA)			
331013	Plates.....	...do.....	(NA)			
331015	Structural shapes.....	...do.....	(NA)			
331017	Wire and wire products.....	...do.....	(NA)			
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)			
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	(NA)	0.2	0.1	
331029	All other alloy steel mill shapes and forms.....	...do.....	(NA)			
331031	Stainless steel.....	...do.....	(NA)	-	-	
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)
335123	Plate, sheet, and strip (including military cups and discs).....	...do.....	-	-	(D)	(D)
335127	Pipe and tube.....	...do.....	-	-	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(D)	(D)	(D)	(D)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	-	-	(D)	(D)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(D)	(D)	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	1,000 short tons.	(D)	(D)	2.3	1.4
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
	Fractional horsepower electric motors (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	.....	(D)	(D)	-	-
362115	Other fractional horsepower electric motors (exclude timing motors).....	1,000.....	(D)	(D)	218.3	1.2
260091	Paper and paperboard containers.....	.....	-	-	(X)	(D)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	15.0	(X)	13.8
976000	Materials, parts, containers, and supplies consumed, n.s.k. ².....	.....	(X)	5.3	(X)	4.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3639.--HOUSEHOLD APPLIANCES, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	250.4	(X)	215.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	1.3	0.3	0.5	0.1
331012	Sheet and strip.....	...do.....	293.3	41.2	276.3	38.9
331013	Plates.....	...do.....	9.4	1.3	4.4	0.7
331015	Structural shapes.....	...do.....	20.0	6.3	16.2	5.4
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	4.3	4.6	0.4	0.3
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	(D)	(D)	0.3	0.2
335790	Insulated wire and cable.....	Million lbs. (copper content).	1.9	1.8	0.4	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	3.5	3.2	0.9	0.6
335123	Plate, sheet, and strip (including military cups and discs)	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	1.5	0.8	1.2	0.5
335205	Extruded shapes, including rod, bar, pipe, tube, etc.....	...do.....	1.9	1.2	0.8	0.5
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	...do.....				
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	(D)	(D)	(NA)	(NA)
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	8.8	4.6	6.1	3.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	4.5	2.6	3.6	2.6
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	2,023.3	4.9	533.7	2.1
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	2,151.0	20.1	2,141.2	13.5
362120	Integral horsepower electric motors and generators (1 hp. and over).....	...do.....	10.6	0.5	(X)	(X)
260091	Paper and paperboard containers.....	...do.....	(X)	9.8	(NA)	6.6
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	108.4	(X)	95.4
976000	Materials, supplies, components, etc., n.s.k. ²		(X)	38.8	(X)	39.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹Excludes materials produced and consumed in the same establishment.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3641.--ELECTRIC LAMPS					
	Materials, components, parts, containers and supplies, total		(X)	227.8	(X)	184.0
	Mill shapes and forms (except castings):					
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	1,000 lbs.....	} (NA)	0.8	} 1.4	1.4
335123	Plate, sheet, and strip, including military cups and discs..	do.....				
335127	Pipe and tube.....	do.....				
335728	Bare wire (for electrical conduction only).....	do.....				
335790	Insulated wire and cable.....	do.....	-	-	(D)	(D)
260091	Paper and paperboard containers.....	do.....	(X)	20.1	(X)	15.5
970099	All other materials, parts, containers and supplies consumed....	do.....	(X)	191.0	(X)	161.3
973000	Materials, parts, containers and supplies, n.s.k. ¹	do.....	(X)	15.9	(X)	5.7
	INDUSTRY 3642.--LIGHTING FIXTURES					
	Materials, components, parts, containers and supplies, total.....		(X)	717.1	(X)	538.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	11.5	1.8	4.1	0.9
331012	Sheet and strip.....	do.....	293.9	47.4	247.7	39.5
331017	Wire and wire products.....	do.....	15.4	3.9	3.6	1.1
331015	Structural shapes.....	do.....	9.3	1.5	4.3	0.9
331013	Plates.....	do.....	4.7	0.5	32.2	3.7
331019	All other carbon steel mill shapes and forms.....	do.....	7.8	1.8	21.6	4.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	0.2	0.3	0.2	0.2
331029	All other alloy steel mill shapes and forms.....	do.....	6.4	4.2	5.4	3.1
331031	Stainless steel.....	do.....	3.5	3.5	2.2	2.2
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	4.0	3.4	2.7	1.5
335790	Insulated wire and cable.....	Million lbs..... (copper content).	15.0	8.4	10.1	6.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.3	0.9	1.5	0.9
335123	Plate, sheet and strip, including military cups and discs....	do.....	4.0	3.0	5.2	3.1
335127	Pipe and tubes.....	do.....	(NA)	3.3	2.5	2.2
	Aluminum and aluminum-base alloy:					
335202	Sheet plate and foil.....	do.....	21.5	9.6	21.3	10.6
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	do.....	19.6	9.4	10.0	4.9
335209	All other aluminum mill shapes and forms (wired, rolled and bar, powder, welded tubing, etc.).....	do.....	4.8	2.4	2.3	1.2
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons..	4.3	2.2	4.8	2.3
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	do.....	17.1	6.0	5.2	1.9
332300	Steel.....	do.....	9.1	5.1	3.0	1.9
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	33.1	19.2	7.7	5.9
336200	Copper and copper-base alloy.....	do.....	2.1	1.9	1.8	1.6
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes and other shapes).....	Million lbs. (dry basis).....	30.1	11.0	12.2	5.6
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	do.....	3.9	1.8	3.7	1.5
970099	All other materials and components, parts, containers, and supplies consumed.....	do.....	(X)	401.2	(X)	308.1
976000	Materials, parts, containers, and supplies, n.s.k. ¹	do.....	(X)	163.4	(X)	123.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3643.--CURRENT-CARRYING WIRING DEVICES					
	Materials, components, parts, containers and supplies, total.	.....	(X)	285.1	(X)	225.5
	Mill shapes and forms (except casting):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	6.2	1.3	1.6	0.8
331012	Sheet and strip.....	...do.....	49.0	8.6	17.0	3.7
331017	Wire and wire products.....	...do.....	11.1	2.2	5.7	2.4
331019	All other carbon steel mill shapes and forms.....	...do.....	0.3	0.2	1.5	0.4
331020	Alloy steel (except stainless).....	...do.....	6.3	2.6	6.6	2.7
331031	Stainless steel.....	...do.....	1.6	2.0	0.8	1.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million pounds...	8.2	6.5	5.5	2.6
335790	Insulated wire and cable.....	Million pounds (copper content)	(NA)	8.0	12.0	5.8
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds...	8.8	6.8	13.3	6.9
335123	Plate, sheet, and strip including military cups and discs..	...do.....	23.2	17.9	25.8	18.2
335127	Pipe and tube.....	...do.....	(NA)	2.0	4.2	2.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	2.5	1.2	4.4	1.9
335205	Extruded shapes (including extruded rod, bar, pipe tube, etc.).....	...do.....	6.6	2.6	3.2	1.3
335209	All other aluminum mill shapes and form (wire, rolled rod and bar welded tubing, etc.).....	...do.....	2.7	0.9	3.9	2.4
	Refinery shapes:					
333122	Copper and copper-base alloy.....	1,000 short tons.	3.0	3.0	2.3	1.6
333401	Aluminum and aluminum-base alloy.....	...do.....	(D)	(D)	0.5	0.3
333348	Zinc and zinc-base alloy.....	...do.....	1.0	0.4	0.4	0.2
	Scrap (exclude home scrap):					
999812	Copper and copper-base alloy.....	...do.....	(D)	(D)	(D)	(D)
999808	Aluminum and aluminum-base alloy.....	...do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	...do.....	5.1	1.3	0.5	0.3
336100	Aluminum and aluminum-base alloy.....	Million pounds...	(NA)	3.3	2.8	2.3
336200	Copper and copper-base alloy.....	...do.....	2.1	2.1	2.4	2.0
367408	Solid state semi-conductors.....	Million units....	(NA)	0.2	1.7	0.4
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulosics, polyethlenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., and excludes sheets, rods, tubes and other shapes).....	Million pounds (dry basis).....	8.2	2.7	21.0	6.3
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	...do.....	24.2	7.6	8.8	5.3
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	141.6	(X)	105.8
973000	Materials, parts, containers and supplies, n.s.k. ¹.....	.....	(X)	60.1	(X)	48.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3644.--NONCURRENT-CARRYING DEVICES					
	Materials, components, containers and supplies, total.....		(X)	265.7	(X)	203.4
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons..	92.5	14.1	81.1	12.4
331012	Sheet and strip.....	..do.....	226.4	37.9	238.8	34.1
331017	Wire and wire products.....	..do.....	(NA)	3.6	7.2	1.7
331019	All other carbon steel mill shapes and forms.....	..do.....	284.6	32.8	187.2	31.6
331020	Alloy steel (except stainless).....	..do.....	26.6	5.1	4.0	1.2
331031	Stainless steel.....	..do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction).....	Million lbs.....	0.9	0.3	(D)	(D)
335790	Insulated wire and cable.....	Million lbs..... copper content).	2.2	1.7	0.3	0.1
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	1.9	1.1	1.4	0.9
335123	Plate, sheet, and strip, including military cups and discs..	..do.....			2.3	1.2
335127	Pipe and tube.....	..do.....			1.1	2.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	..do.....	10.5	3.8	2.4	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	..do.....			8.8	3.7
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	..do.....				
	Refinery shapes:					
333122	Copper and copper-base alloy.....	1,000 short tons..	3.3	2.9	3.1	2.0
333401	Aluminum and aluminum-base alloy.....	..do.....	3.9	1.9	2.2	1.1
333348	Zinc and zinc-base alloy.....	..do.....	19.5	5.6	13.3	3.6
	Scrap (exclude home scrap):					
999812	Copper and copper-base alloy.....	..do.....	(D)	(D)	(NA)	(NA)
999808	Aluminum and aluminum-base alloy scrap (purchased only).....	..do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	..do.....	8.4	5.8	21.7	10.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.1	4.9	5.5	3.8
336200	Copper and copper-base alloy.....	..do.....	0.6	0.8	1.2	1.1
367408	Solid state semi-conductors.....	Million units.....	-	-	NA)	(NA)
282130	Thermoplastic resins, including modified resins (includes resin content of vinyls and dry bases for cellulose, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., and excludes sheets, rods tubes and other shapes).....	Million lbs, (dry basis).....	(D)	(D)	2.4	0.7
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.). Includes granules, pellets, powder, liquid, etc. and excludes sheets, rods, tubes, and other shapes.....	..do.....			0.9	1.6
970009	All other materials and components, parts, containers, and supplies consumed.....		(X)	104.9	(X)	77.7
976000	Materials, parts, containers and supplies, n.s.k. ¹		(X)	38.5	(X)	11.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

²No data are available on the quantities of castings produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3651.--RADIO AND TV RECEIVING SETS						
	Materials, parts, containers, and supplies, total.....	.....	(X)	2,399.5	(X)	1,335.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	9.8	3.3	2.5	0.5
331012	Sheet and strip.....	...do.....	38.1	7.2	49.7	10.2
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)	3.0	7.8	1.5
331020	Alloy steel (except stainless).....	...do.....	12.6	5.8	2.2	0.7
331031	Stainless steel.....	...do.....			0.2	0.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	10.3	9.8	5.2	1.5
335790	Insulated wire and cable.....	Million lbs. (copper content)	18.4	11.0	18.6	11.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.9	0.7	0.6	0.5
335123	Plate, sheet, and strip, including military cups and discs...	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	2.6	1.4	0.9	0.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	4.8	2.9	1.6	1.0
335209	All other aluminum mill shapes and forms (wire rolled rod and bar, powder, welded tubing, etc.).....	...do.....				
336100	Aluminum and aluminum-base alloy castings (rough and semi- finished) ¹.....	...do.....	3.8	3.0	0.8	0.7
	Fractional horsepower electric motors (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	6.0	11.2	1.2	2.9
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	4.3	11.5	1.6	6.4
367012	Electron tubes, except X-ray and cathode ray picture tubes ¹.....	...do.....	148.2	86.4	200.1	274.3
367200	Cathode ray picture tubes ¹.....	...do.....	7.3	616.0		
367408	Solid state semiconductors ¹.....	...do.....	175.4	48.4		
367410	Monolithic (solid state) integrated circuits.....	.....	(X)	(D)	(X)	(NA)
281995	Silicon, hyper pure.....	Kilograms.....	(D)	(D)	(NA)	(NA)
333977	Gemanium.....	Pounds.....	(D)	(D)	(NA)	(NA)
251011	Cabinets (wood, metal, and plastics).....	Millions.....	16.5	244.0	(NA)	² 189.0
339913	Ferrite (powders and paste).....	.....	(X)	2.5	(X)	1.1
260091	Paper and paperboard containers.....	.....	(X)	24.2	(X)	² 16.0
970099	All other materials, and components, parts, containers, and supplies consumed ³.....	.....	(X)	1,090.4	(X)	654.6
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	217.8	(X)	137.2
INDUSTRY 3661.--TELEPHONE AND TELEGRAPH APPARATUS						
	Materials, parts, containers, and supplies, total.....	.....	(X)	982.9	(X)	655.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	20.7	3.9	19.5	3.8
331012	Sheet and strip.....	...do.....	82.8	16.6	85.6	12.1
331019	All other carbon steel mill shapes and forms.....	...do.....	8.5	2.0	7.2	1.7
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	(NA)	10.2	10.1	8.4
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	10.0	11.8	7.2	7.5
335790	Insulated wire and cable.....	Million lbs. (copper content).....	17.3	19.1	12.7	25.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	12.0	7.4	8.5	5.2
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	(NA)	14.4	22.6	11.9
335127	Pipe and tube.....	...do.....	2.7	2.5	1.5	1.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	5.6	2.7	5.0	2.8
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	2.2	1.2	1.1	0.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.8	1.6	4.2	1.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3661.—TELEPHONE AND TELEGRAPH APPARATUS--Continued					
	Materials, parts, containers, and supplies--Continued					
336100	Aluminum and aluminum-base alloy castings (rough and semifinished) ¹.....	...do.....	9.9	5.8	5.1	3.2
367010	Electron tubes, except X-ray ¹	1,000.....	2.1	4.5	1.9	11.6
367410	Monolithic (solid state) integrated circuits.....	.....	(X)	(D)	(X)	-
367408	Solid state semiconductors ¹	Millions.....	97.2	46.0	96.4	48.1
333977	Germanium.....	1,000 lbs.....	(D)	(D)	(NA)	(NA)
339913	Ferrites (powders and paste).....	Million lbs.....	(D)	(D)	(NA)	(NA)
282130	Thermoplastic resins including modified resins.....	Million lbs. dry basis.....	24.8	9.6	18.0	8.2
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc).....	...do.....	7.7	2.0	7.6	1.8
970099	All other materials and components, parts, containers, and supplies consumed ³.....	.....	(X)	789.2	(X)	490.0
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	32.4	(X)	9.9
	INDUSTRY 3662.—RADIO AND TV COMMUNICATION EQUIPMENT					
	Materials, parts, containers, and supplies, total.....	.....	(X)	3 153.4	(X)	2,468.7
	Mill shapes and forms, except castings:					
	Carbon steel:					
331012	Sheet and strip.....	1,000 short tons.	22.7	4.5	16.0	3.2
331011	Bars and bar shapes.....	...do.....	14.1	3.2	} (NA)	10.3
331015	Structural shapes.....	...do.....	16.0	2.9		
331017	Wire and wire products.....	...do.....	(NA)	3.9		
331019	All other carbon steel mill shapes and forms.....	...do.....	3.1	1.1		
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	9.6	3.0	1.4	0.6
331029	All other alloy steel mill shapes and forms.....	...do.....	1.1	1.1	2.6	1.2
331031	Stainless steel.....	...do.....	3.2	4.7	2.0	3.2
	Copper and copper base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	5.2	3.6	4.4	3.4
335790	Insulated wire and cable.....	Million lbs. (copper content)	27.7	23.9	24.2	22.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	3.2	2.4	2.7	1.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	1.9	1.6	1.4	1.3
335127	Pipe and tube.....	...do.....	1.8	1.3	1.2	0.9
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	(NA)	11.9	13.4	8.8
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	...do.....	17.3	12.1	8.9	6.0
335209	All other aluminum mill shapes and forms.....	...do.....	3.7	2.4	4.0	2.6
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons.	(NA)	11.4	14.9	8.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	21.9	22.8	11.2	13.9
336200	Copper and copper-base alloy.....	...do.....	1.9	1.8	1.1	1.2
339915	Metal powders.....	...do.....	2.2	0.4	(NA)	(NA)
	Fractional horsepower electric motors (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(NA)	18.7	191.0	9.2
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	271.3	9.7	414.0	11.7
367010	Electron tubes, except X-ray ¹	Millions.....	42.5	70.1	55.9	66.5
367408	Solid state semiconductors ¹.....	...do.....	260.4	150.9	123.8	104.2
367410	Monolithic (solid state) integrated circuits.....	.....	(X)	58.8	(X)	(NA)
281995	Silicon, hyper pure.....	1,000 kilograms..	(D)	(D)	0.7	1.4
333977	Germanium.....	1,000 lbs.....	(D)	(D)	0.9	0.2
260091	Paper and paperboard containers.....	.....	(X)	12.8	(X)	6.1
329905	Mica.....	Pounds.....	(NA)	1.0	(NA)	(NA)
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million lbs.....	0.9	1.0	0.3	0.7
339913	Ferrites (powder and paste).....	.....	(X)	0.4	(X)	2.1
	Glass and glass products:					
322921	Tube blanks.....	1,000.....	34.7	0.8	(D)	(D)
320311	Other than tube blanks.....	.....	(X)	2.7	(X)	1.4
367951	Fabricated electron tube parts, except blanks.....	.....	(X)	(D)	(X)	8.8
282130	Thermoplastic resins including modified resins.....	Million lbs.....	3.5	1.6	2.5	0.4
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc).....	...do.....	8.8	3.6	(D)	(D)
970099	All other materials and components, parts, containers and supplies consumed ³.....	.....	(X)	2,254.7	(X)	2,032.5
976000	Materials, parts, containers and supplies, n.s.k. ⁴.....	.....	(X)	446.6	(X)	134.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963		
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	
	INDUSTRY 3671.--ELECTRON TUBES, RECEIVING TYPE						
	Materials, parts, containers, and supplies, total.....		(X)	55.8	(X)	60.1	
	Mill shapes and forms, except castings:						
	Carbon steel:						
331011	Bars and bar shapes.....	Thousand short tons.....	}	(NA)	(D)	(D)	
331012	Sheet and strip.....	...do.....					
331015	Structural shapes.....	...do.....					
331017	Wire and wire products.....	...do.....					
331019	All other carbon mill shapes and forms.....	...do.....					
	Alloy steel, except stainless:						
331021	Bars and bar shapes.....	...do.....	}	(NA)	(D)	(D)	
331029	All other alloy steel mill shapes and forms.....	...do.....					
331031	Stainless steel.....	...do.....					
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(NA)	(D)	(NA)	(D)	
335790	Insulated wire and cable.....	Million lbs. (copper content)	-	-	(NA)	(D)	
	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	(NA)	(D)	(NA)	(D)
335123	Plate, sheet, and strip, including military cups and discs..	...do.....					
335127	Pipe and tube.....	...do.....					
	Fractional horsepower electric motors (under 1 hp.): ²						
362110	Timing motors synchronous and subsynchronous.....	Thousands.....	(NA)	(D)	(NA)	(D)	
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(NA)	(D)	(NA)	(D)	
367010	Electron tubes, except X-ray ².....	...do.....	(NA)	(D)	(NA)	(D)
367408	Solid state semiconductors ².....	...do.....	(NA)	(D)	(NA)	(D)
260091	Paper and paperboard containers.....		(X)	1.7	(X)	1.2	
329905	Mica.....	Thousand pounds..	(NA)	(D)	468.1	2.6	
335606	Nickle and nickle-base alloy mill shapes and forms.....	Million lbs.....	1.3	1.9	1.4	3.0	
335603	Molybdenum, rolled, drawn, or extruded.....	Thousand pounds..	23.5	1.9	30.5	2.0	
335733	Tungsten wire.....		(X)	3.3	(X)	3.5	
	Glass and glass products:						
322921	Tube blanks.....	Millions.....	334.1	3.3	331.4	3.3	
320311	Other than tube blanks.....		(X)	1.3	(X)	1.7	
397951	Fabricated electron tube parts, except blanks.....		(X)	(D)	(X)	26.2	
282140	Thermosetting resins.....	1,000 lbs. (dry basis).....	(NA)	(D)	-	-	
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	41.0	(X)	¹ 15.6	
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	1.4	(X)	1.1	
	INDUSTRY 3672.--CATHODE RAY PICTURE TUBES						
	Materials, parts, containers and supplies, total.....		(X)	341.6	(X)	138.3	
	Mill shapes and forms, except castings:						
	Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons.	(D)	(D)	(D)	(D)	
331012	Sheet and strip.....	...do.....	(D)	(D)	(D)	(D)	
331015	Structural shapes.....	...do.....	(D)	(D)	(D)	(D)	
331017	Wire and wire products.....	...do.....	(D)	(D)	(D)	(D)	
331019	All other carbon steel mill shapes and forms.....	...do.....	(D)	(D)	(D)	(D)	
	Alloy steel, except stainless:						
331021	Bars and bar shapes.....	...do.....	(D)	(D)	(D)	(D)	
331029	All other alloy steel mill shapes and forms.....	...do.....	(D)	(D)	(D)	(D)	
331031	Stainless steel.....	...do.....	(D)	(D)	(D)	(D)	
	Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	(NA)	(NA)	
335790	Insulated wire and cable.....	Million lbs. (copper content)	(D)	(D)	(NA)	(NA)	
	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(D)	(D)	(D)	(D)	
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	(D)	(D)	(D)	(D)	
335127	Pipe and tube.....	...do.....	(D)	(D)	(D)	(D)	
	Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	(D)	(D)	(D)	(D)	
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(D)	(D)	(D)	(D)	
335209	All other aluminum mill shapes and forms.....	...do.....	(D)	(D)	(D)	(D)	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963--Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3672.--CATHODE RAY PICTURE TUBES--Continued					
	Materials, parts, containers and supplies--Continued					
367010	Electron tubes, except X-ray ¹	1,000.....	22.0	0.1	105.3	0.8
260091	Paper and paperboard containers.....	.....	(X)	4.7	(X)	(D)
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	16.8	115.3	49.2	61.8
320311	Other than tube blanks.....	.....	(X)	(D)	(X)	(D)
367951	Fabricated electron tube parts, except blanks.....	.....	(X)	(D)	(X)	7.2
282130	Thermoplastic resins including modified resins.....	1,000 lbs. (dry basis).....	(X)	(D)	(NA)	(NA)
282140	Thermosetting resins.....	...do.....	5.3	2.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed ³.....	.....	(X)	206.2	(X)	65.2
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	13.2	(X)	3.4
	INDUSTRY 3673.--ELECTRON TUBES, TRANSMITTING					
	Materials, parts, containers and supplies, total.....	.....	(X)	98.6	(X)	73.9
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 tons.....	4.3	3.2	0.1	0.3
331012	Sheet and strip.....	...do.....				
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....			(Z)	0.1
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....			0.1	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	0.1	0.1
335790	Insulated wire and cable, copper content only.....	...do.....	(D)	(D)		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	0.7	0.8	0.7	0.7
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	0.7	0.9	0.8	0.8
335127	Pipe and tube.....	...do.....	0.2	0.2	0.4	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.2	0.2	0.3	0.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	0.2	0.5	0.1	0.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.).....	...do.....				
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 tons.....	(D)	(D)	0.1	0.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(Z)	(Z)	1.1	0.1
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	(D)	(D)
339915	Metal powders.....	...do.....	(D)	(D)	-	-
	Fractional horsepower electric motors (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(D)	(D)	(D)	(D)
367010	Electron tubes, except X-ray ¹	Millions.....	1.7	0.4	9.1	2.5
367408	Solid state semiconductors ¹.....	...do.....	4.5	0.8	2.0	0.5
333977	Germanium.....	pounds.....	-	-	(D)	(D)
260091	Paper and paperboard containers.....	.....	(X)	0.6	(X)	0.5
329905	Mica.....	1,000 pounds.....	(Z)	(Z)	(D)	(D)
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million lbs.....	0.4	1.3	0.3	0.8
335602	Tantalum mill products.....	1,000 pounds.....	4.1	0.1	3.4	0.2
335603	Molybdenum, rolled, drawn or extruded.....	...do.....	17.3	0.7	36.3	0.8
335733	Tungsten wire.....	Million meters...	1.5	0.3	1.2	0.3
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	0.7	4.4	(NA)	(NA)
320311	Other than tube blanks.....	.....	(X)	1.0	(X)	(NA)
367951	Fabricated electron tube parts except blanks.....	.....	(X)	31.0	(X)	25.8
970099	All other materials and components, parts, containers, and supplies consumed ³.....	.....	(X)	46.9	(X)	36.4
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	5.3	(X)	2.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3674.--SEMICONDUCTORS					
	Materials, parts, containers and supplies, total.....		(X)	306.9	(X)	183.3
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	4.9	2.4	1.5	0.7
331012	Sheet and strip.....	do.....				
331015	Structural shapes.....	do.....				
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	do.....	0.3	1.0	1.1	3.3
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel.....	do.....				
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	1.0	2.5	0.6	0.6
335790	Insulated wire and cable.....	Million lbs. copper content..	0.6	0.4	0.1	0.3
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.4	1.6	0.6	0.8
335123	Plate, sheet, and strip, including military cups and discs...	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	do.....	0.4	0.3	0.3	0.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.....	0.3	0.2		
335209	All other aluminum mill shapes and forms.....	do.....	0.1	0.1		
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons.	(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
336200	Copper and copper-base alloy.....	do.....	(D)	(D)	(D)	(D)
339915	Metal powders.....	do.....	(D)	(D)	(NA)	(NA)
	Fractional horsepower electric motors (under 1 hp): ¹					
362110	Timing motors synchronous and subsynchronous.....	1,000.....	-	-	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	do.....	0.8	0.1	(D)	(D)
367010	Electron tubes, except X-ray ¹	Millions.....	(NA)	0.1	0.1	0.3
367408	Solid state semiconductors ¹	do.....	24.5	6.2	8.7	2.4
281995	Silicon, hyperpure.....	Kilograms.....	596.7	21.3	345.7	11.8
333977	Germanium.....	1,000 pounds.....	83.4	7.6	51.8	6.5
260091	Paper and paperboard containers.....	.....	(X)	1.6	(X)	1.5
335606	Nickel and nickel base-alloy mill shapes and forms.....	Million lbs.....	1.3	3.8	0.5	1.9
335602	Tantalum mill products.....	1,000 lbs.....	(NA)	0.7	(NA)	1.2
335603	Molybdenum, rolled, drawn, or extruded.....	do.....	25.4	0.6	24.4	0.4
335733	Tungsten wire.....	Million meters..	(NA)	0.1	(NA)	0.2
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	328.9	2.1	291.1	6.1
320311	Other than tube blanks.....	.....	(X)	3.0	(X)	4.4
367951	Fabricated electron tube parts except blanks.....	.....	(X)	6.8	(X)	140.6
282130	Thermoplastic resins including modified resins.....	Million lbs. (dry basis).....	1.9	0.6		
282140	Thermosetting resins.....	do.....	0.1	0.2		
970099	All other materials and components, parts, containers, and sup- plies consumed ³.....	.....	(X)	215.5		
976000	Materials, parts, containers, and supplies, n.s.k. ⁴.....	.....	(X)	28.1		

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3679.--ELECTRONIC COMPONENTS, N. E. C.					
	Materials, parts, containers, and supplies, total.....	.....	(X)	1,990.1	(X)	754.7
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	6.4	1.5	3.9	1.2
331012	Sheet and strip.....	...do.....	35.6	11.3	40.6	9.8
331015	Structural shapes.....	...do.....	0.9	0.7	0.8	0.3
331017	Wire and wire products.....	...do.....	(NA)	11.1	7.9	3.0
331019	All other carbon steel mill shapes and forms.....	...do.....	3.1	2.2	7.3	3.6
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	4.6	3.7	0.8	0.5
331029	All other alloy steel mill shapes and forms.....	...do.....	21.5	12.0	22.2	11.5
331031	Stainless steel.....	...do.....	3.2	5.6	1.6	2.4
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds....	35.9	30.7	16.7	11.1
335790	Insulated wire and cable, copper content only.....	...do.....	37.1	34.4	26.3	18.1
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	...do.....	22.1	13.0	15.6	7.3
335123	Plate sheet and strip, including military cups and discs....	...do.....	(NA)	7.8	12.2	7.1
335127	Pipe and tube.....	...do.....	5.3	4.9	4.9	3.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	27.2	20.4	23.3	15.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	11.0	7.9	15.7	12.6
335209	All other aluminum mill shapes and forms.....	...do.....	9.0	9.0	4.4	3.6
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons..	(NA)	2.0	0.9	0.6
336100	Aluminum and aluminum-base alloy.....	Million pounds....	5.3	5.0	2.0	3.9
336200	Copper and copper-base alloy.....	...do.....	11.2	9.0	0.5	0.5
339915	Metal powders.....	...do.....	21.7	7.5	(NA)	(NA)
	Fractional horsepower electric motors (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	173.0	1.8	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(D)	(D)	426.0	1.4
367010	Electron tubes, except X-ray ¹	Millions.....	8.1	6.6	6.8	5.3
367408	Solid state semiconductors ¹.....	...do.....	209.5	85.2	15.9	13.7
367410	Monolithic (solid state) integrated circuits.....	.....	(X)	1.8	(NA)	(NA)
281995	Silicon, hyper pure.....	1,000 kilograms...	3.4	0.5	2.8	0.4
333977	Germanium.....	1,000 pounds.....	(D)	(D)	1.1	1.0
260091	Paper and paperboard containers.....	.....	(X)	22.0	(X)	7.1
329905	Mica.....	1,000 pounds.....	632.8	2.9	687.5	3.2
335606	Nickel and nickel-base alloy mill shapes and forms.....	Million pounds....	3.7	8.0	1.2	3.6
335602	Tantalum mill products.....	1,000 pounds.....	124.6	7.3	159.4	8.2
335603	Molybdenum, rolled, drawn, or extruded.....	...do.....	13.8	0.3	14.4	0.3
335733	Tungsten wire.....	Million meters....	2.1	0.5	1.1	0.3
339913	Ferrites (powder and paste).....	.....	(X)	7.4	(X)	9.4
	Glass and glass products:					
322921	Tube blanks.....	Millions.....	0.9	0.6	0.5	0.3
320311	Other than tube blanks.....	.....	(X)	3.5	(X)	3.3
367951	Fabricated electron tube parts except blanks.....	.....	(X)	(D)	(X)	1.7
282130	Thermoplastic resins including modified resins.....	Million lbs. (Dry Basis).....	(NA)	3.6	5.0	2.8
282140	Thermosetting resins.....	...do.....	18.0	15.8	10.0	6.7
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	1 415.1	(X)	434.7
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	207.5	(X)	135.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ³From 10 to 30 percent of this figure was estimated.

¹No data are available on the quantities of castings, fractional horsepower, electrical motors, electron tubes, cathode ray picture tubes and solid state semiconductors produced and consumed in the same establishment.

²Represents estimates published MC63(1)-8 (Supplement), Selected Materials Consumed, from data collected in a supplemental survey on Form MA-131, consumption of materials, parts, containers and supplies, during 1963. This survey was limited to large establishments in selected chemical, machinery and equipment industries and resulted in estimates which are subject to greater error than are the figures on materials consumption collected as a regular part of the census of manufactures.

³Includes the value of materials shown by the symbol "D".

⁴This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this included estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3691.--STORAGE BATTERIES					
	Materials, parts, containers, and supplies, total.....		(X)	300.3	(X)	264.2
	Lead:					
333233	Refined unalloyed lead.....	1,000 Short tons.	162.6	45.2	119.8	26.1
333234	Antimonial lead.....	...do.....	207.8	60.0	223.1	57.1
281634	Litharge.....	...do.....	99.2	29.7	87.7	21.0
335607	Zinc and zinc-base alloy mill shapes and forms.....	...do.....	(D)	(D)	(NA)	(NA)
362406	Carbon and graphite electrodes and other carbon and graphite products for electrical use.....		(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	151.3	(X)	129.3
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	14.1	(X)	30.8
	INDUSTRY 3692.--PRIMARY BATTERIES, DRY AND WET					
	Materials, parts, containers, and supplies, total.....		(X)	108.9	(X)	69.9
335607	Zinc and zinc-base alloy mill shapes and forms.....	1,000 short tons.	19.1	9.0	16.2	6.6
362406	Carbon and graphite electrodes and other carbon and graphite products for electrical use.....		(X)	5.0	(X)	2.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	93.8	(X)	60.1
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	1.1	(X)	0.8
	INDUSTRY 3694.--ENGINE ELECTRICAL EQUIPMENT					
	Materials, parts, containers, and supplies, total.....		(X)	548.3	(X)	356.4
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	105.6	21.7	118.3	24.7
331012	Sheet and strip.....	...do.....	128.4	23.1	116.6	17.6
331017	Wire and wire products.....	...do.....	(NA)	4.6	11.6	6.9
331013	Plates.....	...do.....	26.8	5.8	17.3	3.6
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel, except stainless.....	...do.....	3.0	0.7	1.7	0.5
331031	Stainless steel.....	...do.....	-	-	0.3	0.4
	Copper and copper base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds...	42.0	27.0	39.2	19.6
335790	Insulated wire and cable.....	Million pounds (copper content).	49.9	28.7	30.5	16.1
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million pounds...			22.4	8.3
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	15.6	9.8	8.6	4.3
335127	Pipe and tube.....	...do.....			0.1	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	0.8	0.7	1.2	1.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	0.2	0.6	0.5
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.4	1.6	0.8	0.6
	Primary metals:					
331051	Pig iron.....	1,000 short tons.	(D)	(D)	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	25.5	10.4	(D)	(D)
	Castings(rough and semifinished): ³					
332011	Iron (gray and malleable).....	...do.....	13.1	4.7	15.6	5.5
336100	Aluminum and aluminum-base alloy.....	Million pounds...	13.7	7.7	10.1	5.2
336200	Copper and copper-base alloy.....	...do.....	-	-	0.5	0.3
	Bearings:					
356218	Ball.....		(X)	13.0	(X)	8.6
356201	Roller.....					
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	356.8	(X)	225.6
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	31.8	(X)	7.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3699.--ELECTRICAL EQUIPMENT, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	128.6	(X)	83.3
	Mill shapes and forms (except castings):					
331001	Carbon steel.....	1,000 short tons.	0.7	0.3	2.8	0.9
331020	Alloy steel (except stainless).....	...do.....	0.8	0.6	0.9	0.6
331031	Stainless steel.....	...do.....	0.4	0.3	0.5	0.5
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	10.7	4.3	(D)	(D)
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs. copper content..	0.8	1.1	0.5	0.9
335790	Insulated wire and cable.....	Million lbs. copper content..	27.0	21.4	14.1	13.3
335100	Brass mill shapes (rod, sheet, bar, etc.).....	1,000 short tons.	4.0	3.9	3.5	3.1
367010	Electron tubes, except X-ray ⁴	Millions.....	(D)	(D)	(D)	(D)
367408	Solid state semiconductors ⁴	Millions.....	1.5	0.8	1.7	1.3
281995	Silicon, hyper pure.....	1,000 kilograms..	(D)	(D)	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	66.3	(X)	45.5
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	29.6	(X)	17.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. From 10 to 30 percent of this figure was estimated.

¹Includes cost of materials for which the symbol "D" appears.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

³No data are available for the quantities of castings produced and consumed in the same establishment.

⁴No data are available on the quantities of electron tubes or solid state semiconductors produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967						1963	
			Industry 3711--Motor vehicles		Industry 3714--Motor vehicle parts and accessories		Total of industries 3711 and 3714		industries 3711 and 3714	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	Materials, parts, containers and supplies, total.....		(X)	19,505.1	(X)	5,727.6	(X)	25,233.3	(X)	22,596.8
	Mill shapes and forms (except castings):									
	Carbon steel:									
331011	Bars and bar shapes.....	1,000 tons.....	145.5	23.7	751.5	135.1	897.0	158.8	1,006.4	165.0
331012	Sheet and strip.....	...do.....	1,164.4	198.0	5,061.3	774.1	6,225.7	972.1	16,059.7	1,892.3
331013	Plates.....	...do.....	27.3	5.0	288.6	44.2	315.9	49.2	333.8	48.1
331015	Structural shapes.....	...do.....	15.8	3.2	21.7	3.4	37.5	5.6	26.8	4.2
331017	Wire and wire products.....	...do.....	1.4	0.5	226.7	52.8	228.1	53.3	142.0	133.7
331019	All other carbon steel mill shapes and forms.....	...do.....	17.1	4.7	244.1	45.8	161.2	50.5	280.4	58.3
	Alloy steel (except stainless):									
331021	Bars and bar shapes.....	...do.....	106.4	26.0	325.5	66.0	431.9	92.0	534.1	111.7
331029	All other alloy mill shapes and forms	...do.....	20.1	4.7	52.9	27.4	73.0	32.1	81.2	37.8
331031	Stainless steel.....	...do.....	1.1	0.9	26.0	24.2	27.1	25.1	37.7	31.7
	Copper and copper-base alloy:									
335728	Bare wire for electrical conduction.	Million lbs.....	(D)	(D)	80.1	37.7	(D)	(D)	1.7	1.1
335790	Insulated wire and cable.....	Million lbs. (copper content)	5.1	4.1	27.2	16.0	32.3	20.1	31.3	15.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.3	1.5	59.0	26.5	218.0	111.6	50.4	18.3
335123	Plate, sheet, and strip, including military cups and discs.....	...do.....								
335127	Pipe and tube.....	...do.....								
	Aluminum and aluminum-base alloy:									
335202	Sheet, plate, and foil.....	...do.....	25.3	11.3	47.8	22.8	73.1	34.1	77.5	33.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	7.4	3.6	21.2	12.1	28.6	15.7	22.8	11.2
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	...do.....	1.5	0.8	5.0	3.0	6.5	3.8	17.3	5.3
339915	Metal powders.....	...do.....	(D)	(D)	52.4	15.3	(D)	(D)	(NA)	(NA)
	Primary metals:									
331051	Pig iron (excluding silvery iron).....	1,000 short tons.	(D)	(D)	76.1	4.6	(D)	(D)	239.0	13.9
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	(D)	(D)	37.0	16.6	(D)	(D)	33.3	13.4
	Scrap, excluding home scrap:									
999811	Iron and steel.....	...do.....	(D)	(D)	324.5	9.9	(D)	(D)	330.6	13.3
999808	Aluminum and aluminum-base alloy.....	...do.....	(D)	(D)	(D)	(D)	(D)	(D)	0.1	0.1
	Castings (rough and semifinished): ⁴									
332011	Iron (gray and malleable).....	...do.....	504.9	139.3	2,593.1	758.5	3,098.0	897.8	12,955.4	1,745.5
332300	Steel.....	...do.....	24.5	16.6	135.8	108.3	160.3	124.9	158.0	27.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	55.2	38.9	373.1	186.3	428.3	225.2	430.2	225.3
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	16.1	11.4	(D)	(D)	8.1	5.6
	Forgings: ⁴									
339100	Iron and steel.....	1,000 tons.....	84.4	39.6	881.9	392.8	996.3	432.4	999.5	391.0
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	-	-	47.7	15.5	47.7	15.5	1.4	1.0
362115	Fractional horsepower electric motors (under 1 hp.) ⁴	1,000.....	(D)	(D)	2,521.6	10.2	(D)	(D)	7.2	21.0
	Bearings:									
356218	Ball.....	...do.....	(X)	13.0	(X)	26.9	(X)	39.9	(X)	47.7
356201	Roller.....	...do.....	(X)	25.0	(X)	100.8	(X)	125.8	(X)	109.0
229501	Coated, impregnated or laminated fabrics.	Million lin. yds.	4.5	6.2	2.2	2.3	6.7	8.5	18.4	15.6
	Uncoated broad-woven fabrics (piece goods)									
221103	Cotton.....	...do.....	(NA)	0.3	5.4	3.0	(NA)	3.3	4.9	1.4
220119	Other broad-woven fabrics.....	...do.....	(D)	(D)	5.4	1.4	(D)	(D)	13.9	17.4
307911	Unsupported plastic film and sheeting, excluding packaging materials.....	Million sq.yds...	(NA)	0.4	2.0	1.4	(NA)	1.8	(NA)	(NA)
282130	Thermoplastic resins including modified resins.....	Million lbs (dry basis).....	(D)	(D)	49.6	15.4	(D)	(D)	22.1	9.6
282140	Thermosetting resins.....	...do.....	(D)	(D)	21.8	8.2	(D)	(D)	22.1	9.7
970099	All other materials and components, ⁵ parts, containers, and supplies consumed	.....	(X)	18,675.4	(X)	2,407.4	(X)	21,083.8	(X)	18,671.9
976000	Materials, parts, containers and supplies, n.s.k. ⁶.....	.....	(X)	256.1	(X)	256.7	(X)	512.8	(X)	727.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3713.--TRUCK AND BUS BODIES					
	Materials, parts, containers and supplies, total.....		(X)	338.0	(X)	224.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	31.6	5.5	23.1	3.9
331012	Sheet and strip.....	do.....	262.9	43.4	176.2	28.7
331013	Plates.....	do.....	54.5	8.0	37.8	5.4
331015	Structural shapes.....	do.....	34.0	5.5	21.4	3.3
331017	Wire and wire products.....	do.....	3.5	0.9	0.5	0.2
331019	All other carbon steel mill shapes and forms.....	do.....	7.1	1.9	18.9	3.8
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	do.....	0.9	0.3	0.3	0.1
331029	All other alloy mill shapes and forms.....	do.....	11.6	2.6	2.4	0.5
331031	Stainless steel.....	do.....	2.6	2.6	0.6	0.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	-	-
335790	Insulated wire and cable.....	Million lbs. (copper content).	0.3	0.3	0.1	0.1
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	(NA)	1.7	0.2	0.1
335123	Plate, sheet, and strip, including military cups and discs....	do.....				
335127	Pipe and tube.....	do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	do.....	24.3	11.2	13.5	6.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	do.....	8.3	4.3	6.5	2.8
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	do.....	2.8	1.4	0.5	0.3
	Primary metals and scrap:					
331051	Pig iron (excluding silvery iron).....	1,000 tons.....	-	-	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	do.....	(D)	(D)	(D)	(D)
999811	Iron and steel scrap.....	do.....	(D)	(D)	(D)	(D)
999808	Aluminum and aluminum-base alloy scrap.....	do.....	(D)	(D)	(NA)	(NA)
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	do.....	6.1	2.6	2.7	0.9
332300	Steel.....	do.....	6.3	2.7	1.3	0.8
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.4	0.4	0.2	0.2
336200	Copper and copper-base alloy.....	do.....	0.2	0.2	0.1	0.1
	Forgings: ⁴					
339100	Iron and steel.....	1,000 short tons..	0.5	0.3	0.4	0.2
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
362115	Fractional horsepower electric motors (under 1 hp.) Excluding timing motors ⁴	1,000 units.....	81.6	0.4	(D)	(D)
362115	Bearings:					
356218	Ball.....	do.....	-	0.2	(X)	0.1
356201	Roller.....	do.....	-	0.1		
229501	Coated, impregnated or laminated fabrics.....	Million lin. yds..	258.6	0.9	(D)	(D)
	Uncoated broad-woven fabrics (piece goods):					
221103	Cotton.....	do.....	(NA)	0.1	(NA)	(NA)
220119	Other broadwoven fabrics.....	do.....	3.5	0.1	(NA)	(NA)
282130	Thermoplastic resins including modified resins.....	Million lbs. dry basis.....	0.9	0.3	0.1	0.1
282140	Thermosetting resins.....	do.....	1.1	0.4	0.8	0.2
970099	All other materials and components, parts, containers, and supplies consumed ⁵	do.....	(X)	186.3	(X)	115.1
976000	Materials, parts, containers and supplies, n.s.k. ⁶	do.....	(X)	51.9	(X)	50.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3715.--TRUCK TRAILERS					
	Materials, parts, containers, and supplies, total.....		(X)	427.6	(X)	298.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 tons.....	13.5	2.3	17.9	3.2
331012	Sheet and strip.....	...do.....	126.3	21.4	106.9	17.1
331013	Plates.....	...do.....	46.7	7.9	42.3	6.2
331015	Structural shapes.....	...do.....	38.0	6.5	42.4	11.1
331017	Wire and wire products.....	...do.....	(NA)	0.3		
331019	All other carbon steel mills shapes and forms.....	...do.....	12.6	3.9		
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	8.4	2.1	25.9	9.0
331029	All other alloy steel mill shapes and forms.....	...do.....	23.8	5.4		
331031	Stainless steel.....	...do.....	16.1	12.6		
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	million lbs.....	(D)	(D)	(NA)	(NA)
335790	Insulated wire and cable.....	million lbs. copper content..	1.0	0.7	0.8	0.4
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	million lbs.....	-	-	0.6	0.3
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	-	-		
335127	Pipe and tube.....	...do.....	(NA)	0.6		
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	72.7	31.1	52.5	22.3
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	68.2	26.0	54.9	20.0
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	...do.....	2.3	1.0	0.3	0.2
	Primary metals and scrap:					
331051	Pig iron (excluding silvery iron).....	100 tons.....	-	-	(D)	(D)
333401	Aluminum and aluminum-base alloy refinery shapes.....	...do.....	(D)	(D)	(NA)	(NA)
999811	Iron and steel scrap.....	...do.....	(D)	(D)	(D)	(D)
	Castings (rough and semifinished): ⁴					
332011	Iron (gray and malleable).....	...do.....	1.9	1.5	0.7	0.7
332300	Steel.....	...do.....	10.2	4.4	13.3	6.8
336100	Aluminum and aluminum-base alloy.....	million lbs.....	1.1	0.9	0.6	0.4
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	(NA)	(NA)
	Forgings: ⁴					
339100	Iron and steel.....	1,000 tons.....	1.1	0.4	(D)	(D)
339200	Aluminum and aluminum-base alloy.....	million lbs.....	0.4	0.2	0.2	0.1
	Bearings:					
356218	Ball.....		(X)	1.4	(X)	0.3
356201	Roller.....				(X)	1.0
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	273.8	(X)	169.5
976000	Materials, parts, containers and supplies, n.s.k. ⁶		(X)	23.2	(X)	29.9

Note: Detail figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹Data for these materials have been revised to exclude the consumption of materials by automotive stamping plants operated by automobile producing plants. Most of these plants had previously been classified in this industry.

²These figures are understated by between \$15 and \$25 million because of apparent undercoverage of carbon steel pipe and tube.

³Included with material code 970099, "All other materials and components, etc."

⁴No data are available for the quantities of castings, forgings or fractional horsepower electric motors produced and consumed in the same establishment.

⁵Includes cost of those materials for which the symbol "D" appears.

⁶This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3721.--AIRCRAFT					
	Materials, components, parts, containers, and supplies, total.....		(X)	5,185.2	(X)	2,458.7
	Mill shapes and forms:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	29.5	7.4	3.9	1.9
331012	Sheet and strip.....	...do.....	11.4	2.2	8.6	3.7
331013	Plates.....	...do.....	3.5	0.9	3.1	0.7
331015	Structural shapes.....	...do.....	2.4	0.7	3.4	1.1
331017	Wire and wire products.....	...do.....	2.9	1.4	1.6	0.8
331019	All other carbon steel mill shapes and forms.....	...do.....			2.2	1.8
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	7.1	3.8	5.1	4.2
331029	All other alloy steel mill shapes and forms.....	...do.....	6.5	4.0	2.9	2.7
331031	Stainless steel.....	...do.....	4.5	7.7	2.2	5.2
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.4	0.4	0.6	0.9
335790	Insulated wire and cable.....	Million lbs. (copper content)	7.8	14.6	3.4	4.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.4	0.9	0.2	0.4
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	1.3	0.7	0.4	0.6
335127	Pipe and tube.....	...do.....			0.2	0.3
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	109.1	82.9	51.6	38.1
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	37.0	47.1	16.7	21.2
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welding tubing, etc.).....	...do.....	9.1	11.2	8.1	4.8
335601	Titanium and titanium-base alloy.....	...do.....	2.2	18.4	1.1	15.2
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons.	3.0	5.0	3.2	5.6
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	9.8	21.0	5.4	8.5
336200	Copper and copper-base alloy.....	...do.....	0.1	0.2	(NA)	0.5
	Forgings: ¹					
339100	Iron and steel.....	1,000 short tons.	3.8	10.1	4.2	6.3
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	10.5	17.1	9.8	14.6
339201	Titanium and titanium-base alloy.....	...do.....	1.3	16.7	0.1	0.7
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	5.8	0.6	3.3	0.4
363115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	8.6	0.8	7.5	0.5
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	13.3	1.8	0.7	0.4
	Bearings:					
356218	Ball.....	.....	(X)	2.7	(X)	3.2
356201	Roller.....	.....	(X)	3.2	(X)	2.0
356120	Hydraulic fluid power pumps, motors, and related hydraulic equipment.....	.....	(X)	25.2	(X)	25.5
220123	Broad woven fabrics (cotton, wool, manmade fiber fabrics, etc)..	Million lin. yds.	5.5	19.3	1.5	4.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	4,790.9	(X)	2,233.8
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ².....	.....	(X)	66.3	(X)	44.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3722.--AIRCRAFT ENGINES AND PARTS					
	Materials, components, parts, containers and supplies, total.....	.....	(X)	1,952.9	(X)	r1,346.9
	Mill shapes and forms, except castings:					
	Carbon steel:					
331012	Bars and bar shapes.....	1,000 short tons	16.1	3.5	10.0	2.3
331012	Sheet and strip.....	...do.....	7.6	2.3	9.6	3.0
331013	Plates.....	...do.....	6.2	1.6	5.7	1.4
331015	Structural shapes.....	...do.....	0.7	0.3	0.3	0.1
331017	Wire and wire products.....	...do.....	0.9	0.7	0.2	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....	9.5	3.1	2.9	1.0
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	20.0	16.7	18.7	13.4
331029	All other alloy steel mill shapes and forms.....	...do.....	11.3	14.5	4.6	7.5
331031	Stainless steel.....	...do.....	15.1	38.9	17.1	41.0
	Copper and copper-base alloy:					
335790	Bare wire (for electrical conduction only).....	Million pounds..	0.1	0.1	(Z)	(Z)
	Insulated wire and cable.....	Million pounds (copper content).....	0.7	0.9	0.5	0.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds..	2.3	1.6	1.7	1.1
335123	Plate, sheet, and strip, including military cups and discs..	...do.....	0.4	0.4	0.1	0.1
335127	Pipe and tube.....	...do.....	0.1	0.1	(Z)	(Z)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	6.9	5.2	3.8	3.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	2.5	3.4	2.1	1.6
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	(NA)	2.6	2.4	2.8
335601	Titanium and titanium-base alloy.....	...do.....	2.7	13.2	1.0	5.2
	Castings, rough and semifinished ¹ :					
332300	Steel.....	1,000 short tons	(NA)	51.4	7.4	24.9
336100	Aluminum and aluminum-base alloy.....	Million pounds..	17.7	41.3	14.3	26.7
336200	Copper and copper-base alloy.....	...do.....	0.4	0.4	0.3	0.3
	Forgings ¹ :					
339100	Iron and steel.....	1,000 short tons	49.9	83.7	37.8	65.7
339200	Aluminum and aluminum-base alloy.....	Million pounds..	14.1	18.0	18.7	20.8
339201	Titanium and titanium-base alloy.....	...do.....	11.6	54.7	4.5	23.3
	Electric motors and generators ¹ :					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	45.8	1.5	(D)	(D)
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(D)	(D)	32.2	3.2
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	0.4	0.2	0.7	0.2
	Bearings:					
356218	Ball.....	...do.....	(X)	9.1	(X)	8.8
356201	Roller.....	...do.....	(X)	5.3	(X)	8.5
356120	Hydraulic fluid powerpumps, motors,aand related hydraulic equipment.....	...do.....	(X)	(D)	(X)	2.1
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Mil. lin. yds..	0.1	0.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	1,529.9	(X)	r1,017.4
976000	Materials, components, parts, containers, supplies consumed, n.s.k. ².....	.....	(X)	48.2	(X)	61.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3729.--AIRCRAFT EQUIPMENT, N.E.C.					
	Materials, components, parts, containers, and supplies, total		(X)	1,420.6	(X)	1,055.5
	Mill shapes and forms, except castings:					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..	23.8	5.5	10.5	3.4
331012	Sheet and strip.....	...do.....	26.0	5.7	20.9	4.0
331013	Plates.....	...do.....	12.2	1.5	14.4	2.6
331015	Structural shapes.....	...do.....	3.6	0.6	3.4	0.9
331017	Wire and wire products.....	...do.....	3.8	0.9	1.8	0.4
331019	All other carbon steel mill shapes and forms.....	...do.....	3.1	0.7	3.3	1.2
	Alloy steel, except stainless:					
331021	Bars and bar shapes.....	...do.....	16.6	8.9	9.9	5.6
331029	All other alloy steel mill shapes and forms.....	...do.....	10.7	6.9	3.9	3.2
331031	Stainless steel.....	...do.....	16.4	31.2	9.3	15.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million pounds....	(D)	(D)	0.3	0.2
335790	Insulated wire and cable.....	Million pounds copper content...	(D)	(D)	0.8	2.0
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million pounds....	7.1	4.4	3.1	1.4
335123	Plate, sheet, and strip, including military cups and discs...	...do.....	1.3	0.6	0.2	0.2
335127	Pipe and tube.....	...do.....	5.1	3.4	0.2	0.2
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	86.5	56.0	36.4	25.5
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	39.2	40.3	29.4	30.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	9.4	8.6	16.3	9.0
335601	Titanium and titanium-base alloy.....	1,000 pounds.....	1.7	14.8	0.5	6.3
	Castings, rough and semifinished: ¹					
332300	Steel.....	1,000 short tons..	15.7	27.4	7.4	9.1
336100	Aluminum and aluminum-base alloy.....	Million pounds....	19.4	25.8	12.6	14.8
336200	Copper and copper-base alloy.....	...do.....	3.5	3.4	0.7	0.4
	Forgings: ¹					
339100	Iron and steel.....	1,000 short tons..	(NA)	48.3	20.1	23.2
339200	Aluminum and aluminum-base alloy.....	Million pounds....	19.7	26.3	10.8	11.7
339201	Titanium and titanium-base alloy.....	...do.....	0.6	2.3	(NA)	(NA)
	Electric motors and generators: ¹					
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(Z)	1.2
362115	Other fractional horsepower electric motors, excluding timing motors.....	...do.....	(D)	(D)	0.1	1.9
362120	Integral horsepower motors and generators (1 hp. and over)....	...do.....	(D)	(D)	(Z)	5.8
	Bearings:					
356218	Ball.....		(X)	15.2	(X)	8.2
356201	Roller.....		(X)	8.6	(X)	2.1
356120	Hydraulic fluid power pumps, motors, and related hydraulic equipment.....		(D)	(D)	(X)	21.8
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds..	1.2	2.1	1.3	2.4
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	965.0	(X)	792.0
976000	Materials, components, parts, containers, and supplies consumed, n.s.k. ²		(X)	106.2	(X)	48.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ⁶From 10 to 30 percent of this figure was estimated.

¹No data are available for the quantities of castings, forgings, or electric motors and generators produced and consumed in the same establishment.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3731.--SHIP BUILDING AND REPAIRING						
	Materials, parts, containers, and supplies, total.....		(X)	1,025.5	(X)	612.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	109.7	18.1	47.3	7.9
331012	Sheet and strip.....	...do.....	91.2	14.9	28.2	5.4
331013	Plates.....	...do.....	656.6	97.7	477.6	69.3
331015	Structural shapes.....	...do.....	185.4	29.4	104.3	15.2
331017	Wire and wire products.....	...do.....	6.5	2.0	3.4	1.5
331019	All other carbon steel mill shapes and forms.....	...do.....	50.8	9.2	23.9	5.1
331020	Alloy steel (except stainless).....	...do.....	16.2	7.0	17.6	9.4
331031	Stainless steel.....	...do.....	3.8	4.8	4.3	6.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.4	0.4	4.0	4.8
335790	Insulated wire and cable.....	Million lbs. (copper content)	7.4	10.9		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	2.2	1.6	0.7	0.8
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	1.0	1.0	1.1	1.0
335127	Pipe and tube.....	...do.....	11.2	11.5	5.8	4.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	7.4	4.0	4.0	2.0
335205	Extruded shapes, rod, bar, pipe, etc.....	...do.....	14.3	13.2	2.1	2.4
335209	All other aluminum mill shapes and forms, wire, rolled rod, etc.....	...do.....				
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons.	9.3	8.3	5.6	4.3
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.9	0.9	0.4	0.4
336200	Copper and copper-base alloy.....	...do.....	2.6	3.2	5.9	5.8
	Engines: ¹					
351920	Diesel and semidiesel.....	1,000.....	2.6	32.7	(NA)	8.1
351901	Gasoline and other carburetor.....	...do.....	1.8	4.7	(NA)	0.6
362120	Integral horsepower motors and generators (1 hp. and over) ¹.....	...do.....	3.2	6.2	2.7	5.4
242120	Dressed lumber.....	Million bd. ft...	27.9	5.6	(NA)	2.6
243201	Plywood.....	...do.....	(X)	2.8	(X)	1.2
282130	Thermoplastic resins.....	Million lbs. dry basis.....	3.2	1.7	0.8	0.3
282140	Thermosetting resins.....	...do.....	2.6	0.6	(NA)	0.8
322931	Glass fiber.....	Million lbs.....	1.9	1.2	(NA)	0.4
970099	All other materials and components, parts, containers, and supplies consumed.....	...do.....	(X)	672.8	(X)	373.0
976000	Materials, parts, containers, and supplies, n.s.k. ¹.....	...do.....	(X)	59.1	(X)	73.4
INDUSTRY 3732.--BOAT BUILDING AND REPAIRING						
	Materials, parts, containers, and supplies, total.....		(X)	271.4	(X)	167.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bar and bar shapes.....	1,000 short tons.	1.5	0.2	0.9	0.2
331012	Sheet and strip.....	...do.....	8.4	1.2	1.5	0.2
331013	Plates.....	...do.....	6.8	1.2	3.0	0.5
331015	Structural shapes.....	...do.....	2.0	0.3	0.8	0.1
331017	Wire and wire products.....	...do.....	0.1	(Z)	0.2	0.1
331019	All other carbon steel mill shapes and forms.....	...do.....	0.5	0.1	1.1	0.2
331020	Alloy steel (except stainless).....	...do.....	1.0	0.2	0.1	(Z)
331031	Stainless steel.....	...do.....	0.3	0.5	0.5	0.6
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(Z)	(Z)	0.3	0.3
335790	Insulated wire and cable.....	Million lbs. (copper content).	0.3	0.3		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	0.1	0.1	0.1	(Z)
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	(Z)	(Z)	(Z)	(Z)
335127	Pipe and tube.....	...do.....	0.5	0.3	0.3	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	17.7	7.1	15.2	6.6
335205	Extruded shapes, rod, bar, pipe, etc.....	...do.....	4.1	2.9	3.2	1.9
335209	All other aluminum mill shapes and forms, wire, rolled rod, etc.....	...do.....	0.3	0.2	0.2	0.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3732.--BOAT BUILDING AND REPAIRING--Continued					
	Castings (rough and semi-finished): ¹					
332300	Steel.....	1,000 short tons.	0.3	0.2	0.2	0.1
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	0.6	0.4	1.0	0.5
336200	Copper and copper-base alloy.....	...do.....	(NA)	1.7	0.9	1.1
	Engines: ¹					
351920	Diesel and semidiesel.....	1,000.....	1.6	4.9	0.6	2.9
351901	Gasoline and other carburetor.....	...do.....	30.9	33.1	18.6	15.1
362120	Integral horsepower motors and generators (1 hp. and over) ¹.....	...do.....	1.0	1.0	0.2	0.2
242120	Dressed lumber.....	Million bd. ft...	(NA)	3.8	17.4	4.2
243201	Plywood.....	.....	(X)	9.5	(X)	6.9
282130	Thermoplastic resins.....	Million lbs.				
		dry basis.....	(NA)	4.8	3.6	1.2
282140	Thermosetting resins.....	...do.....	38.4	8.8	(NA)	7.2
322931	Glass fiber.....	Million lbs.....	(NA)	11.4	(NA)	7.8
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	84.5	(X)	52.2
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	92.7	(X)	56.5
	INDUSTRY 3741.--LOCOMOTIVES AND PARTS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	323.4	(X)	233.3
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	14.6	2.6	11.0	1.9
331012	Sheet and strip.....	...do.....	27.9	4.2	28.8	4.8
331013	Plates.....	...do.....	79.7	11.2	58.7	8.5
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....	33.7	6.7	18.0	2.5
331019	All other carbon steel mill shapes and forms.....	...do.....				
331020	Alloy steel (except stainless).....	...do.....				
331031	Stainless steel.....	...do.....	1.5	0.7	1.8	1.0
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	.....	(D)	(D)	(D)	(D)
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	.....	(D)	(D)	(D)	(D)
335123	Plate, sheet, and strip, (including military cups and discs).....	.....	(D)	(D)	(D)	(D)
335127	Pipe and tube.....	.....	(D)	(D)	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	Million lbs.....				
335205	Extruded shapes.....	...do.....	0.9	0.6	0.5	0.3
335209	All other aluminum mill shapes and forms.....	...do.....				
331051	Pig iron.....	.....	(D)	(D)	(D)	(D)
999811	Iron and steel scrap.....	.....	(D)	(D)	-	-
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	.....	(D)	(D)	(D)	(D)
332300	Steel.....	.....	(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	.....	(D)	(D)	(D)	(D)
339100	Iron and steel forgings ¹.....	.....	(D)	(D)	(D)	(D)
351920	Diesel and semidiesel engines ¹.....	.....	(D)	(D)	(D)	(D)
362120	Integral horsepower electric motors and generators (1 hp. and over) ¹.....	.....	(D)	(D)	(D)	(D)
	Bearings:					
356218	Ball.....	.....	(D)	(D)	(X)	(D)
356201	Roller.....	.....			
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	294.2	(X)	213.1
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	3.2	(X)	1.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 3742.--RAILROAD AND STREET CARS						
	Materials, parts, containers, and supplies, total.....		(X)	919.9	(X)	575.5
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	123.8	22.0	159.9	23.7
331012	Sheet and strip.....	do.	198.4	29.6	225.9	32.4
331013	Plates.....	do.	762.9	120.4	554.0	83.7
331015	Structural shapes.....	do.	340.4	52.0	236.5	34.5
331017	Wire and wire products.....	do.	5.7	1.0	1.5	0.5
331019	All other carbon steel mill shapes and forms.....	do.	95.3	29.2	62.9	13.5
331020	Alloy steel (except stainless).....	do.	(D)	(D)	19.5	4.0
331013	Stainless steel.....	do.	(D)	(D)	1.6	1.8
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	(D)	(D)
335102	Rod, bar and mechanical wire, including extruded and/or drawn shapes.....	do.	31.4	1.0	(D)	(D)
335123	Plate, sheet, and strip, (including military cups and discs).	do.	-	-	(D)	(D)
335127	Pipe and tube.....	do.	2.5	0.9	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	do.	15.5	13.6	6.3	5.9
335205	Extruded shapes.....	do.	3.6	1.9	4.3	2.6
335209	All other aluminum mill shapes and forms.....	do.				
331051	Pig iron.....	1,000 short tons.	(D)	(D)	(D)	(D)
999811	Iron and steel scrap (purchased scrap only).....	do.	25.8	1.0	35.7	0.9
	Castings (rough and semi-finished): ¹					
332011	Iron (gray and malleable).....	do.	103.6	43.6	71.6	30.1
332300	Steel.....	do.	195.5	100.7	95.8	40.4
336100	Aluminum and aluminum-base alloy).....	Million lbs.....	3.6	2.1	(D)	(D)
339100	Iron and steel forgings ¹	1,000 short tons.	49.6	19.0	21.2	7.9
351920	Diesel and semidiesel engines ¹	Number.....	(D)	(D)	(D)	(D)
362120	Integral horsepower electric motors and generators (1 hp. and over ¹	do.	(D)	(D)	(D)	(D)
	Bearings:					
356218	Ball.....		(X)	43.9	(X)	15.2
356201	Roller.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	418.7	(X)	270.8
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	19.3	(X)	7.6
INDUSTRY 3751.--MOTORCYCLES, BICYCLES AND PARTS						
	Materials, parts, containers, and supplies, total.....		(X)	152.3	(X)	102.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons..			3.5	0.7
331012	Sheet and strip.....	do.			79.2	12.1
331017	Wire and wire products.....	do.			6.3	1.1
331013	Plates.....	do.			0.4	0.1
331015	Structural shapes.....	do.	131.0	22.3	7.3	1.7
331019	All other carbon steel mill shapes and forms.....	do.				
331020	Alloy steel (except stainless).....	do.			1.2	0.3
331031	Stainless steel.....	do.			(Z)	(Z)
335121	Copper and copper-base alloy (brass mill shapes).....	Million lbs.....	(NA)	0.2	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	do.				
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	do.	(NA)	4.0	0.2	0.1
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	do.				
332300	Steel castings (rough and semifinished) ¹	1,000 short tons..	(D)	(D)	(D)	(D)
339100	Iron and steel forgings ¹	do.	7.0	3.8	3.9	2.3
	Bearings:					
356218	Ball.....		(X)	1.5	(X)	0.9
356201	Roller.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	107.9	(X)	76.3
976000	Materials, parts, containers, and supplies, n.s.k. ³		(X)	12.6	(X)	7.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3791.--TRAILER COACHES					
	Materials, parts, containers, and supplies, total.....		(X)	867.1	(X)	471.9
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 tons.....	3.4	0.7	5.3	1.6
331012	Sheet and strip.....	...do.....	26.5	5.8	14.6	3.3
331015	Structural shapes.....	...do.....	(NA)	21.2	54.9	8.6
331019	All other carbon steel mill shapes and forms.....	...do.....	(NA)	1.2	8.3	1.3
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	12.0	4.3	13.1	6.0
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....			-	-
	Copper and copper-base alloy:					
335728	Bare wire (electrical conduction only).....	Million lbs.....	(NA)	0.8	0.3	0.2
335790	Insulated wire and cable.....	Million lbs. (copper content).	10.8	5.9	4.8	3.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	...do.....	(NA)	0.1	0.1	(Z)
335123	Plate, sheet and strip (including military cups and discs)...	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	82.9	37.6	63.7	25.4
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	...do.....	8.8	3.1	8.1	2.4
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welding tubing, etc.).....	...do.....	(NA)	1.4	2.0	2.2
	Castings (rough and semifinished): ¹					
332300	Steel.....	1,000 short tons.	(D)	(D)	1.0	0.5
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	0.4	0.3
243201	Plywood.....		(X)	78.4	(X)	50.4
242120	Dressed lumber.....	Million board ft.	412.4	44.7	251.7	26.0
229501	Coated, impregnated, and laminated fabrics.....	Million linear yards.....	(NA)	8.5	10.5	8.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	413.6	(X)	229.5
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	236.5	(X)	100.8
	INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.					
	Materials, parts, containers, and supplies, total.....		(X)	161.9	(X)	94.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	^e 33.0	5.3	15.8	2.8
331012	Sheet and strip.....	...do.....	^e 131.3	19.2	65.6	10.4
331013	Plates.....	...do.....	10.8	1.6	5.4	0.9
331015	Structural shapes.....	...do.....	(NA)	5.2	7.7	1.3
331017	Wire and wire products.....	...do.....	(NA)	0.8	2.4	0.8
331019	All other carbon steel mill shapes and forms.....	...do.....	5.1	1.5	8.1	1.9
331020	Alloy steel (except stainless).....	...do.....	(NA)	3.6	0.8	0.3
331031	Stainless steel.....	...do.....				
335121	Copper and copper-base alloy (Brass mill shapes).....	Million lbs.....	(NA)	0.8	0.4	0.4
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	14.1	5.9	3.3	1.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	(NA)	2.3	0.6	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing etc.).....	...do.....	1.3	1.0	0.1	(Z)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3799.--TRANSPORTATION EQUIPMENT, N.E.C.--Continued					
332300	Steel castings (rough and semifinished) ¹	1,000 short tons.	2.5	1.5	0.9	0.9
339100	Iron and steel forgings ¹.....	...do.....	0.4	0.2	0.2	0.2
	Bearings:					
356218	Ball.....	.....	(X)	0.4	(X)	0.3
356201	Roller.....	.....	(X)	0.7	(X)	0.4
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	80.4	(X)	35.4
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	31.5	(X)	36.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by substraction from higher level totals or from related figures. ^eFrom 10 to 30 percent of this figure was estimated.

¹No data are available on the quantities of castings, iron and steel forgings, engines, or integral horsepower electric motors and generators produced and consumed in the same establishment except for industry 3742 which had 11.8 thousand short tons of iron castings in 1963.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3811.--ENGINEERING AND SCIENTIFIC INSTRUMENTS					
	Materials, parts, containers, and supplies, total.....		(X)	340.8	(X)	166.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	1.1	0.4	1.4	0.4
331012	Sheet and strip.....	...do.....	23.7	3.8	14.5	2.4
331013	Plates.....	...do.....	0.4	0.1	(1)	(1)
331015	Structural shapes.....	...do.....	0.6	0.2	0.4	0.1
331017	Wire and wire products.....	...do.....	} (NA)	1.0	(1)	(1)
331019	All other carbon steel mill shapes and forms.....	...do.....			14.6	10.8
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	0.2	0.1	0.4	0.2
331029	All other alloy steel mill shapes and forms.....	...do.....	0.4	0.2	0.5	0.4
331031	Stainless steel.....	...do.....	2.2	3.6	1.3	1.9
	Copper and copper-base alloy:					
335728	Bar wire (for electrical conduction only).....	Million lbs.....	0.3	0.2	0.1	0.2
335790	Insulated wire and cable.....	Million lbs..... (copper content)	0.5	1.0	0.8	0.5
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	}	0.4	0.5	0.3
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....			0.1	0.1
335127	Pipe and tube.....	...do.....			0.2	0.1
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	3.2	2.1	1.1	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....	0.7	0.6	0.4	0.3
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	0.3	0.3	0.5	0.4
	Castings (rough and semifinished): ²					
332300	Steel.....	1,000 short tons.	0.7	1.0	0.6	0.4
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	3.3	3.0	3.4	3.0
336200	Copper and copper-base alloy.....	...do.....	1.0	0.8	0.5	0.4
	Fractional horsepower electric motors (under 1 hp.): ²					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	0.3	4.7	0.1	2.8
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	0.2	4.5	0.1	3.2
	Bearings:					
356218	Ball.....	.....	}	2.1	(X)	2.2
356201	Roller.....	.....			
367010	Electron tubes, except X-ray ²	Million units....	0.8	1.7	0.1	0.3
367408	Solid state semiconductors ².....	...do.....	9.4	5.3	4.6	3.7
281995	Silicon hyper pure.....	kilogram.....	}	221.1	(X)	109.5
970099	All other materials and components, parts, containers, and supplies consumed.....	.....			
976000	Materials, parts, containers, and supplies, n.s.k. ³.....	.....	(X)	82.1	(X)	31.8
	INDUSTRY 3821.--MECHANICAL MEASURING DEVICES					
	Materials, parts, containers, and supplies, total.....		(X)	436.3	(X)	358.3
	Mill shapes and forms (except castings)					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	17.1	5.5	12.7	3.5
331012	Sheet and strip.....	...do.....	10.3	2.8	19.3	4.6
331013	Plates.....	...do.....	2.3	0.6	3.5	0.7
331015	Structural shapes.....	...do.....	3.8	0.8	1.4	0.4
331017	Wire and wire products.....	...do.....	2.5	1.3	1.8	1.0
331019	All other carbon steel mill shapes and forms.....	...do.....	1.9	1.2	2.3	1.6
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	1.3	0.7	0.4	0.4
331029	All other alloy steel mill shapes and forms.....	...do.....	0.5	0.4	1.4	1.2
331031	Stainless steel.....	...do.....	4.4	8.8	3.0	4.9
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Million lbs.....	0.9	1.4	}	2.3
335790	Insulated wire and cable.....	Million lbs. (copper content)	1.7	2.7		
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	8.0	5.2	10.3	4.7
335123	Plate, sheet, and strip (including military cups and discs)..	...do.....	3.6	2.7	6.7	3.7
335127	Pipe and tube.....	...do.....	2.8	2.6	6.8	2.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity (millions of units)	Delivered cost (million dollars)	Quantity (millions of units)	Delivered cost (million dollars)
	INDUSTRY 3821.--MECHANICAL MEASURING DEVICES--Con.					
	Materials, parts, containers, and supplies--Con.					
	Mill shapes and forms (except castings):					
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	Million lbs.....	1.7	1.3	1.0	0.8
335205	Extruded shapes, (including extruded rod, bar, pipe, tube, etc.).....	...do.....	0.7	0.8	1.0	1.0
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	1.8	1.5	4.1	2.6
	Castings (rough and semifinished): ²					
332300	Steel.....	1,000 short tons.	6.3	6.7	5.4	6.0
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	20.9	17.7	17.0	12.5
336200	Copper and copper-base alloy.....	...do.....	11.0	9.1	16.1	11.5
	Fractional horsepower electric motors (under 1 hp.): ²					
362110	Timing motors, synchronous and subsynchronous.....	Million units....	0.7	6.0	0.2	3.2
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	0.2	2.8	0.1	1.3
	Bearings:					
356218	Ball.....	.....	(X)	1.4	(X)	0.8
356201	Roller.....	.....	(X)	0.1	(X)	0.1
367010	Electron tubes, except X-ray ²	Million units....	1.1	1.8	1.8	2.5
367408	Solid state semiconductors ².....	...do.....	4.7	6.9	2.5	4.8
281995	Silicon, hyper-pure.....	10 Kilogram.....	(X)	255.2	(X)	231.6
970099	All other materials and components, parts, containers, and supplies consumed.....	.....			
976000	Materials, parts, containers and supplies, n.s.k. ³.....	.....	(X)	88.3	(X)	48.2
	INDUSTRY 3822.--AUTOMATIC TEMPERATURE CONTROLS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	173.6	(X)	141.8
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	5.6	2.2	3.6	1.6
331012	Sheet and strip.....	...do.....	24.3	4.9	20.1	5.0
331013	Plates.....	...do.....	3.5	5.3	0.4	0.1
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	3.0	3.7	0.2	0.3
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....	3.0	3.7	2.2	3.7
	Copper and copper-base alloy:					
335728	Bare wire (for electrical conduction only).....	Mil. lbs.....	(D)	(D)	0.3	0.3
335790	Insulated wire and cable.....	Mil. lbs. (copper content)	(D)	(D)	2.3	1.7
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Mil. lbs.....	10.0	6.1	14.2	6.3
335123	Plate, sheet, and strip (including military cups and discs).	...do.....	5.4	3.7	5.4	3.6
335127	Pipe and tube.....	...do.....	5.5	5.1	4.1	3.6
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	...do.....	8.5	3.3	1.1	0.8
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	...do.....				
335209	All other aluminum mill shapes and forms, (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....				
	Castings (rough and semifinished):					
332300	Steel.....	1,000 short tons.	(D)	(D)	0.7	0.5
336100	Aluminum and aluminum-base alloy.....	Mil. lbs.....	7.6	4.8	7.8	5.1
336200	Copper and copper-base alloy.....	...do.....	6.2	5.6	5.3	2.5
	Fractional horsepower electric motors (under 1 hp.):					
362110	Timing motors synchronous and subsynchronous.....	Number.....	3.2	4.3	3.5	2.7
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....				

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3822. --AUTOMATIC TEMPERATURE CONTROLS--Continued					
	Materials, parts, containers, and supplies, total--Continued					
	Bearings:					
356218	Ball.....		-	(Z)	(X)	0.1
356201	Roller.....		-	-		
367010	Electron tubes, except X-ray.....	Mil. units.....	(D)	(D)	(D)	(D)
367408	Solid state semiconductors.....	do.....	(D)	(D)	(D)	(D)
281995	Silcon, hyper pure.....	1 kilogram.....	-	-	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	⁴ 100.8	(X)	⁴ 95.8
976000	Materials, parts, containers, and supplies, n.s.k. ³		(X)	23.8	(X)	3.1
	INDUSTRY 3831.--OPTICAL INSTRUMENTS AND LENSES					
	Materials, parts, containers, and supplies, total.....		(X)	109.8	(X)	53.1
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	2.0	1.8	1.3	1.6
331017	Wire and wire products.....	do.....				
331019	All other carbon steel mill shapes and forms.....	do.....				
	Alloy steel (except stainless):					
	Bars and bar shapes.....	do.....				
331021		do.....				
331029	All other alloy steel mill shapes and forms.....	do.....				
331031	Stainless steel mill shapes and forms.....	do.....				
	Aluminum and aluminum-base alloy:					
335205	Extruded shapes (including extruded rod, bar, pipe, tube, etc.).....	do.....	1.3	1.4	0.5	0.4
335209	All other aluminum mill shapes and forms, (wire rolled rod and bar, powder, welded tubing, etc.).....	do.....	0.1	0.2	(Z)	(Z)
	Castings (rough and semifinished): ²					
332011	Iron (gray and malleable).....	1,000 short tons.	3.0	0.3	(D)	(D)
332300	Steel.....	do.....	(D)	(D)	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Mil. lbs.....	4.5	3.6	0.5	0.8
336200	Copper and copper-base alloy.....	do.....	(Z)	(Z)	(D)	(D)
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	⁴ 49.6	(X)	⁴ 35.0
976000	Materials, parts, containers, and supplies, n.s.k. ³		(X)	52.9	(X)	15.3
	INDUSTRY 3842. --SURGICAL APPLIANCES AND SUPPLIES					
	Materials, parts, containers, and supplies, total		(X)	266.5	(X)	175.8
209131	Cotton linters (net weight).....	Million lbs.....	(NA)	1.0	2.3	0.5
221101	Cotton broadwoven fabrics (piece goods).....	Million lin. yds.	(NA)	8.8	95.0	7.1
220149	Other broadwoven fabrics (piece goods).....	do.....	(NA)	2.4	2.4	1.8
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	205.5	(X)	144.5
976000	Materials, parts, containers and supplies, n.s.k. ³		(X)	48.8	(X)	21.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹For 1963, material codes 331013 and 331017 are combined with code 331019 to avoid disclosing the operations of individual companies.

²No data are available for the quantities of castings, fractional horsepower electric motors, electron tubes or solid state semiconductors produced and consumed in the same establishment.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁴Includes the cost of those materials for which the symbol "D" appears.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)						
Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3861.--PHOTOGRAPHIC EQUIPMENT AND SUPPLIES					
	Materials, components, parts, containers, and supplies, total.....	.....	(X)	1,013.2	(X)	482.7
	Mill shapes and forms (except castings)					
331001	Carbon steel.....	1,000 short tons.	18.7	5.3	25.3	7.4
331020	Alloy steel, except stainless.....	...do.....	5.1	1.2	3.0	4.0
331031	Stainless steel.....	...do.....	3.7	4.4		
335121	Copper and copper-base alloy.....	Million pounds...	1.4	0.8	0.9	0.5
335208	Aluminum and aluminum-base alloy.....	...do.....	6.8	3.9	(NA)	(NA)
333401	Aluminum and aluminum-base alloy refinery shape.....	1,000 short tons.	0.1	0.3	(¹)	(¹)
336100	Aluminum and aluminum-base alloy castings ²	Million pounds...	(NA)	5.3	12.5	8.1
	Fractional horsepower electric motors (under 1 hp.): ²					
362110	Timing motors, synchronous and subsynchronous.....	Millions of units	0.7	3.2	0.6	3.6
362115	Other fractional horsepower motors, excluding timing motors...	...do.....	1.8	5.4	0.4	1.8
367010	Electron tubes, except X-ray ².....	...do.....	0.3	0.9	0.2	0.4
367408	Solid state semiconductors ².....	...do.....	2.1	1.3	0.4	0.4
281997	Silver nitrate.....	Million ounces...	28.3	25.3	28.1	20.3
383101	Photographic and projection lens and prisms.....	.....	(X)	30.8	(X)	8.6
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	741.1	(X)	373.6
976000	Materials, parts, containers, and supplies, n.s.k. ³.....	.....	(X)	184.0	(X)	54.0
	INDUSTRY 3871.--WATCHES AND CLOCKS					
	Materials, parts, containers, and supplies, total.....	.....	(X)	376.7	(X)	207.0
	Fractional horsepower electric motors: (under 1 hp.) ⁴					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	3.1	4.4	1.1	2.0
362115	Other fractional horsepower electric motors (excluding timing motors).....	...do.....	(¹)	(¹)	(¹)	(¹)
	Watchcases: ⁴					
	Mens' wristwatch cases:					
387200	Carat gold and platinum.....	...do.....	0.3	3.3	0.1	2.9
387201	Gold filled.....	...do.....	0.3	2.7	0.4	2.3
387202	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	...do.....	(¹)	(¹)	1.0	2.5
387203	Other metals.....	...do.....	10.0	9.3	2.8	4.8
	Women's wristwatch cases:					
387204	Carat gold and platinum.....	...do.....	0.2	3.6	0.2	4.1
387205	Gold filled.....	...do.....	0.3	1.7	0.4	1.2
387206	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	...do.....	1.5	3.8	2.5	5.5
387207	Other metals.....	...do.....	6.1	6.6	2.7	2.6
387208	Pocket and other watchcases (all qualities) ⁴.....	...do.....	(¹)	(¹)	1.1	0.5
387158	Imported watch movements.....	.....	(X)	87.6	(X)	46.2
970099	All other materials, components, parts, containers, and supplies consumed.....	.....	(X)	208.7	(X)	103.3
976000	Materials, parts, containers, and supplies, n.s.k. ³.....	.....	(X)	45.0	(X)	29.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

²No data are available for the quantities of aluminum and aluminum-base alloy castings, fractional horsepower electric motors, electron tubes, or solid state semiconductors produced and consumed in the same establishment.

³This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

⁴No data are available for quantities of fractional horsepower electric motors or watchcases produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms) *

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3914.—SILVERWARE AND PLATED WARE					
	Materials, components, parts, containers, and supplies, total		(X)	133.1	(X)	97.4
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons..	} 27.5	25.4	{ 1.4	0.3
331020	Alloy steel.....	...do.....				17.5
331031	Stainless steel.....	...do.....				(D)
335208	Aluminum and aluminum base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
335121	Copper and copper base alloy.....	...do.....	(D)	(D)	20.5	13.4
	Castings (rough and semifinished):					
336100	Aluminum and aluminum base alloy ¹.....	...do.....	(D)	(D)	(D)	(D)
336200	Copper and copper base alloy ¹.....	...do.....	0.5	0.5	0.6	0.4
333903	Precious metals, all forms, including ingot sheet, trip, solder, plating, electrodes, etc.....		(X)	41.6	(X)	24.5
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	57.2	(X)	34.4
976000	Materials, parts, containers, and supplies, n.s.k. ²		(X)	8.4	(X)	6.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

No materials consumed data were collected for industries 3911, 3912, or 3913.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

¹No data are available for the quantities of castings produced and consumed in the same establishment.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this included estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963			
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)		
INDUSTRY 3941.--GAMES AND TOYS								
	Materials, components, parts, containers, and supplies, total..		(X)	427.9	(X)	325.2		
	Mill shapes and forms:							
331001	Carbon steel.....	1,000 short tons..	}	62.4	12.4	53.0	12.7	
331020	Alloy steel.....	...do.....		10.4	4.0	(NA)	3.3	
331031	Stainless steel.....	...do.....		3.5	1.1	0.3	0.2	
335208	Aluminum and aluminum-base alloy.....	Million lbs.....		0.5	0.4	0.6	0.4	
335121	Copper and copper-base alloy.....	...do.....						
282130	Thermoplastic resins including modified resins.....	...do.....		223.8	44.1	184.3	36.5	
282140	Thermosetting resins.....	...do.....		10.3	2.2	13.1	2.7	
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds..		2.6	1.2	2.5	1.2	
311100	Leather, finished.....	Million lbs.....		1.4	0.6	3.4	0.9	
265001	Paperboard containers and boxes.....			(X)	46.4	(X)	38.8	
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) ¹	1,000 units.....		28,940.2	4.3	7397.0	2.6	
970099	All other materials, components, parts, containers, and supplies consumed.....			(X)	232.5	(X)	183.6	
976000	Materials, parts, containers, and supplies, n.s.k. ²			(X)	78.7	(X)	42.3	
INDUSTRY 3942.--DOLLS								
	Materials, components, parts, containers, and supplies, total		(X)	66.9	(X)	79.4		
	Mill shapes and forms:							
331001	Carbon steel.....	1,000 short tons..	}	(NA)	0.2	{	1.5	0.4
331020	Alloy steel.....	...do.....						
331031	Stainless steel.....	...do.....						
335208	Aluminum and aluminum-base alloy.....	Million lbs.....					(³)	(³)
335121	Copper and copper-base alloy.....	...do.....		(³)	(³)	(³)	(³)	
282130	Thermoplastic resins, including modified resins.....	Million lbs.....		12.5	3.1	15.6	4.9	
282140	Thermosetting resins.....	...do.....		(³)	(³)	(³)	(³)	
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.		(NA)	13.2	11.5	8.2	
265001	Paperboard containers and boxes.....			(X)	3.1	(X)	6.4	
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) ¹	1,000.....		(³)	(³)	(³)	(³)	
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	³ 24.8	(X)	³ 35.2	
976000	Materials, parts, containers, and supplies, n.s.k. ²			(X)	22.5	(X)	24.2	
INDUSTRY 3943.--CHILDREN'S VEHICLES, EXCEPT BICYCLES								
	Materials, components, parts, containers, and supplies, total		(X)	35.9	(X)	39.0		
	Mill shapes and forms:							
331001	Carbon steel.....	1,000 short tons..	}	51.9	10.9	38.1	7.7	
331020	Alloy steel.....	...do.....						
331031	Stainless steel.....	...do.....						
335208	Aluminum and aluminum-base alloy.....	Million lbs.....						
335121	Copper and copper-base alloy.....			(³)	(³)	(³)	(³)	
282130	Thermoplastic resins including modified resins.....	...do.....		(³)	(³)	(³)	(³)	
282140	Thermosetting resins.....	...do.....		(³)	(³)	(³)	(³)	
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)..	Million lin. yds.		(³)	(³)	1.3	0.8	
311100	Leather, finished.....	Million lbs.....		(³)	(³)	(³)	(³)	
265001	Paperboard containers and boxes.....			(X)	2.4	(X)	1.6	
362115	Fractional horsepower electric motors (under 1 hp.), (excluding timing motors) ¹	1,000.....		-	-	(³)	(³)	
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	19.1	(X)	19.9	
976000	Materials, parts, containers, and supplies, n.s.k. ²			(X)	3.5	(X)	9.1	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3949.—SPORTING AND ATHLETIC GOODS, N.E.C.					
	Materials, components, parts, containers, and supplies, total	.....	(X)	357.5	(X)	293.4
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	70.4	18.6	78.1	15.7
331020	Alloy steel.....	...do.....	9.8	4.9	5.5	4.3
331031	Stainless steel.....	...do.....	2.0	2.1	1.5	1.9
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate and foil.....	Million lbs.....	4.1	2.0	9.4	5.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....	19.8	8.6		
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.).....	...do.....	2.9	1.6		
335121	Copper and copper-base alloy.....	...do.....	3.1	2.6	2.4	2.0
336100	Aluminum and aluminum-base alloy castings ¹.....	...do.....	2.7	2.3	(NA)	(NA)
282130	Thermoplastic resins, including modified resins.....	...do.....	39.3	13.0	11.5	4.6
282140	Thermosetting resins.....	...do.....	10.6	3.2	6.4	2.3
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)...	Million lin. yds.	(NA)	8.2	17.5	9.0
311100	Leather, finished.....	Million lbs.....	9.6	11.9	8.2	14.3
265011	Paperboard containers and boxes.....	.....	(X)	9.9	(X)	9.0
362115	Fractional horsepower electric motors (under 1 hp.) (excluding timing motors) ¹	1,000.....	283.3	4.8	69.0	2.1
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	189.1	(X)	175.6
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	74.7	(X)	47.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (Z) Under \$50 thousand.

¹No data are available for the quantities of aluminum and aluminum-base alloy castings or fractional horsepower electric motors produced and consumed in the same establishment.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

³Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3963.--BUTTONS					
	Materials, components, parts, containers and supplies, total.		(X)	31.0	(X)	33.3
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	}	0.4	1.5	0.4
331020	Alloy steel.....	...do.....		0.7	0.6	0.2
331031	Stainless steel.....	...do.....				
335208	Aluminum and aluminum-base alloy.....	Million pounds...		(NA)	0.4	(NA)	0.3
335121	Copper and copper-base alloy.....	...do.....	(NA)	3.5	(D)	(D)
970099	All other materials, and components, parts, containers, and supplies consumed.....		(X)	15.6	(X)	20.6
976000	Materials, etc., n.s.k. ¹		(X)	10.5	(X)	11.8
	INDUSTRY 3964.--NEEDLES, PINS, AND FASTENERS					
	Materials, components, parts, containers and supplies, total.		(X)	153.6	(X)	131.1
	Mills shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	29.7	8.7	28.0	8.6
331020	Alloy steel.....	...do.....	10.8	2.9	4.4	1.2
331031	Stainless steel.....	...do.....	1.3	2.1	0.7	1.2
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	12.4	6.9	11.0	6.7
335121	Copper and copper-base alloy.....	...do.....	21.7	15.8	18.8	11.7
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	95.4	(X)	79.8
976000	Materials, etc., n.s.k. ¹		(X)	21.8	(X)	21.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3996.--HARD-SURFACE FLOOR COVERING					
	Materials, containers, and supplies, total.....	.....	(X)	83.8	(X)	76.0
149901	Asbestos, crude, including fiber.....	1,000 short tons.	(¹)	(¹)	21.6	1.6
209010	Vegetable oils, including crude and processed.....	Million lbs.....	(¹)	(¹)	34.7	2.9
282137	Vinyl and vinyl copolymer resins, all forms.....	...do.....	(¹)	(¹)	70.5	12.1
281012	Pigment, organic and inorganic.....	...do.....	29.6	5.1	27.4	6.5
970099	All other materials, parts, containers, and supplies.....	.....	(X)	78.3	(X)	51.9
976000	Materials, containers, supplies, n.s.k. ².....	.....	(X)	0.4	(X)	1.1
	INDUSTRY 3999.--MANUFACTURES, N. E. C.					
	Materials, parts, containers, and supplies, total.....	.....	(X)	357.4	(X)	³ 274.1
	Mill shapes and forms:					
331001	Carbon steel.....	1,000 short tons.	29.3	7.0	19.5	4.7
331020	Alloy steel.....	...do.....	7.4	3.7	4.7	2.0
331031	Stainless steel.....	...do.....	7.3	6.5	4.1	3.9
335208	Aluminum and aluminum-base alloy.....	Million lbs.....	5.9	3.7	3.6	2.2
335121	Copper and copper-base alloy.....	...do.....	11.1	8.5	3.9	3.0
336200	Copper and copper-base alloy castings (rough and semifinished) ⁴.....	...do.....	3.7	3.5	4.0	2.2
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	164.4	(X)	115.3
976000	Materials, parts, containers, and supplies, n.s.k. ².....	.....	(X)	160.1	(X)	³ 140.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

¹Included with material code 970099, "All other materials and components, etc." to avoid disclosing figures for individual companies.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

³Includes \$87.4 million cost of materials for establishments previously classified in industries relating to matches, candles, lamp shades, furs (dressed and dyed), and umbrellas, parasols and canes. These were separate industries for 1963 for which no detailed materials data were available.

⁴No data are available on the quantities of copper and copper-base alloy castings produced and consumed in the same establishment.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 1929.--AMMUNITION, EXCEPT FOR SMALL ARMS-- Continued						
Materials, parts, containers, and supplies--Continued						
Mill shapes and forms (except castings)--Continued						
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction).....	Million pounds...	(D)	(D)	0.1	0.1
335790	Insulated wire and cable.....	Million pounds (copper content)	(D)	(D)		
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million pounds...	11.9	4.9	1.1	0.7
335123	Plate, sheet, and strip, including military cups and discs....	...do.....	1.9	0.8	5.6	2.5
335127	Pipe and tube.....	...do.....	(4)	(4)		
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	11.1	6.0	3.3	1.7
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	...do.....	36.4	19.5	10.8	5.4
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	...do.....			32.2	19.8
333401	Aluminum and aluminum-base alloy refinery shapes.....	1,000 short tons.	-	-	(D)	(D)
999811	Iron and steel scrap (excluding home scrap).....	...do.....	-	-	(D)	(D)
999808	Aluminum and aluminum-base alloy scrap (excluding home scrap)....	...do.....	(D)	(D)	(D)	(D)
Castings (rough and semifinished): ¹						
332011	Iron (gray and malleable).....	...do.....	12.4	7.6	4.6	1.0
332300	Steel.....	...do.....	2.5	1.2	1.2	0.7
336100	Aluminum and aluminum-base alloy.....	Million pounds...	5.1	7.8	0.5	0.5
336200	Copper and copper-base alloy.....	...do.....	0.1	0.1	(1)	(1)
Forgings: ¹						
339100	Iron and steel forgings.....	1,000 short tons.	97.2	42.4	1.2	0.6
339200	Aluminum and aluminum-base alloy forgings.....	Million pounds...	3.3	5.4	(D)	(D)
Fractional horsepower electric motors (under 1 hp.): ¹						
362110	Timing motors, synchronous and subsynchronous.....	1,000.....	(D)	(D)	(D)	(D)
362115	Other fractional horsepower electric motors and generators, ex- cluding timing motors.....	...do.....	(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....	}	(X)	(D)	(X)	0.1
356228	Roller.....					
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	963.1	(X)	¹ 112.0
976000	Materials, parts, containers and supplies, n.s.k. ²		(X)	84.4	(X)	4.6
INDUSTRY 1931.--TANKS AND TANK COMPONENTS						
Materials, parts, containers, and supplies, total.....						
			(X)	229.0	(X)	255.9
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 tons.....	64.2	42.7	7.7	3.8
331012	Sheet and strip.....	...do.....				
331013	Plates.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
Alloy steel (except stainless):						
331021	Bars and bar shapes.....	...do.....	17.1	13.3	33.5	20.9
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....	0.2	0.2	(D)	0.4
Copper and copper-base alloy:						
335790	Insulated wire and cable.....		(D)	(D)	(D)	(D)
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.2	0.2	(D)	(D)
335127	Pipe and tube.....	...do.....			(D)	(D)
Aluminum and aluminum-base alloy:						
335202	Sheet plate and foil.....	...do.....	17.1	13.3	(D)	(D)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....			(D)	(D)
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	...do.....			(D)	(D)
Castings (rough and semifinished): ¹						
332011	Iron (gray and malleable).....		(D)	(D)	(D)	(D)
332300	Steel.....	1,000 tons.....	(D)	(D)	31.8	29.5
336100	Aluminum and aluminum-base alloy.....		(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
INDUSTRY 1931.--TANKS AND TANK COMPONENTS--Continued						
Material, parts, containers, and supplies--Continued						
Forgings: ¹						
339100	Iron and steel.....	1,000 tons.....	(D)	(D)	9.3	5.1
339200	Aluminum and aluminum-base alloy.....	.....	(D)	(D)	(D)	(D)
Fractional horsepower electric motors and generators (under 1 hp.): ¹						
362115	Other fractional horsepower electric motors and generators, excluding timing motors.....	.....	(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....	.....	(D)	(D)	}	(X)
356228	Roller.....	.....	(D)	(D)		
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	116.4	(X)	181.3
976000	Materials, parts, containers and supplies, n.s.k. ².....	.....	(X)	56.4	(X)	13.6
INDUSTRY 1951.--SMALL ARMS						
Materials, parts, containers and supplies, total.....						
Mill shapes and forms (except castings):						
Carbon steel:						
331011	Bars and bar shapes.....	1,000 short tons..	11.2	2.9	8.4	1.9
331012	Sheet and strip.....	...do.....	3.6	1.0	4.9	1.8
331013	Plates.....	...do.....	}	0.9	0.4	0.4
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
Alloy steel (except stainless):						
331021	Bar and bar shapes.....	...do.....	4.2	2.2	}	5.5
331029	All other alloy steel mill shapes and forms.....	...do.....	1.9	0.9		
331031	Stainless steel.....	...do.....	0.6	0.8		
Copper and copper-base alloy:						
335728	Bare wire (for electrical conduction only).....	Million lbs.....	(D)	(D)	-	-
335790	Insulated wire and cable.....	Million lbs. (copper content).	(D)	(D)	-	-
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.	}	0.4	(D)	(D)
335123	Plate, sheet, and strip (including military cups and discs...	...do.....			-	-
335127	Pipe and tube.....	...do.....			-	-
Aluminum and aluminum-base alloy:						
335202	Sheet, plate, and foil.....	...do.....	}	2.1	(NA)	0.1
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....	...do.....				
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.).....	...do.....				
Castings (rough and semifinished): ¹						
332011	Iron (gray and malleable).....	1,000 short tons..	}	(NA)	1.6	0.8
332300	Steel.....	.....			(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....			0.6	0.3
Forgings: ¹						
339100	Iron and steel.....	1,000 short tons..	(D)	(D)	1.8	1.9
339200	Aluminum and aluminum-base alloy.....	Million lbs.....	(D)	(D)	(D)	(D)
Bearings:						
356218	Ball.....	.....	(X)	1.0	(X)	(D)
356201	Roller.....	.....	(X)	0.2	(X)	(D)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	91.7	(X)	26.1
976000	Materials, parts, and supplies, n.s.k. ².....	.....	(X)	38.0	(X)	4.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 1961.--SMALL ARMS AMMUNITION					
	Materials, parts, containers and supplies, total.....		(X)	311.7	(X)	79.7
	Mill shapes and forms (except castings):					
	Carbon steel:					
331017	Wire and wire products.....	1000 short tons..	155.9	85.5	4.1	2.4
331012	Sheet and strip.....	...do.....				
331013	Plates.....	...do.....				
331011	Bar and bar shapes.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bar and bar shapes.....	...do.....	203.5	110.9	(D)	(D)
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....				
	Copper and copper-base alloy:					
335102	Rod, bar, and mechanical wire, including extruded and/or drawn shapes.....	Million lbs.....	203.5	110.9	(D)	(D)
335123	Plate, sheet, and strip, including military cups and discs...	...do.....				
335127	Pipe and tube.....	...do.....				
	Aluminum and aluminum base alloy:					
335202	Sheet, plate, and foil.....		(D)	(D)	(NA)	(NA)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc.....		(D)	(D)	(NA)	(NA)
335209	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, and welded tubing, etc.....		(D)	(D)	(NA)	(NA)
	Bearings:					
356218	Ball.....		(D)	(D)	(D)	(D)
356228	Roller.....		(D)	(D)	(D)	(D)
970099	All other materials and components, parts, container, and supplies consumed.....		(X)	110.1	(X)	76.0
976000	Materials, parts, containers and supplies, n.s.k. ²		(X)	5.2	(X)	1.3
	INDUSTRY 1911 AND 1999.--GUNS, HOWITZERS, AND MORTARS, AND ORDNANCE AND ACCESSORIES, N.E.C.					
	Materials, parts, containers and supplies, total.....		(X)	245.4	(X)	103.0
	Mill shapes and forms (except castings):					
	Carbon steel:					
331011	Bars and bar shapes.....	1,000 short tons.	23.5	5.5	2.6	0.5
331012	Sheet and strip.....	...do.....	14.2	2.7	16.3	2.2
331013	Plates.....	...do.....	46.4	8.5	6.6	1.4
331015	Structural shapes.....	...do.....				
331017	Wire and wire products.....	...do.....				
331019	All other carbon steel mill shapes and forms.....	...do.....				
	Alloy steel (except stainless):					
331021	Bars and bar shapes.....	...do.....	5.9	3.7	1.0	1.3
331029	All other alloy steel mill shapes and forms.....	...do.....				
331031	Stainless steel.....	...do.....	1.2	1.4		
	Copper and copper-base alloy:					
335728	Bare wire for electrical conduction.....	Million lbs.....	-	-	(D)	(D)
335790	Insulated wire and cable, copper content only.....	Million lbs. (copper content)	(D)	(D)	(D)	(D)
335102	Rod, bar, and mechanical wire including extruded and/or drawn shapes.....	Million lbs.....	0.3	0.3	(D)	(D)
335123	Plate sheet, and strip (including military cups and discs)...	...do.....	0.2	0.2	(D)	(D)
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil.....	...do.....	4.4	4.0	1.3	0.9
335205	Extruded shapes including extruded rod, bar, pipe, tube, etc.	...do.....	10.4	6.7	1.9	1.1
335209	All other aluminum mill shapes and forms (wire, rolled rod, bar, powder, welded tubing, etc.).....	...do.....				
999811	Iron and steel purchased scrap.....	1,000 short tons.	(D)	(D)	-	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 1911 AND 1999.--GUNS, HOWITZERS, AND MORTARS, AND ORD- NANCE AND ACCESSORIES, N.E.C.--Continued					
	Materials, parts, containers and supplies--Continued					
	Castings (rough and semifinished): ¹					
332011	Iron (gray and malleable).....	...do.....	(D)	(D)	(D)	(D)
332300	Steel.....	...do.....	3.6	2.6	(D)	(D)
336100	Aluminum and aluminum-base alloy.....	Million lbs.....	7.8	6.9	1.1	0.6
336200	Copper and copper-base alloy.....	...do.....	(D)	(D)	(D)	(D)
	Forgings: ¹					
339100	Iron and steel forgings.....	1,000 short tons.	2.2	4.5	0.7	1.2
339200	Aluminum and aluminum-base alloy forgings.....	Million lbs.....	(NA)	0.4	(D)	(D)
	Fractional horsepower electric motor and generators (under 1 hp.): ¹					
362110	Timing motors, synchronous and subsynchronous.....	Millions.....	(D)	(D)	-	-
362115	Other fractional horsepower electric motors and generators excluding timing motors.....	...do.....	(D)	(D)	(D)	(D)
	Bearings:					
356218	Ball.....	.....	(D)	(D)	(X)	(D)
356228	Roller.....	.....	-	-	(X)	(D)
970099	All other materials and components, parts, containers and sup- plies consumed.....	.....	(X)	154.1	(X)	92.1
976000	Materials, parts, and supplies, n.s.k. ².....	.....	(X)	43.9	(X)	1.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^eFrom 10 to 30 percent of this figure was estimated.

¹No data are available for the quantities of castings, forgings or electric motors and generators produced and consumed in the same establishment.

²This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

³These figures are understated by approximately 70 million because of apparent undercoverage of carbon pipe and tube.

⁴Included with material code 970099, "All other material and components, etc."

Tables 5 and 6 appear in Vol. II

Table 7B in Vol. I

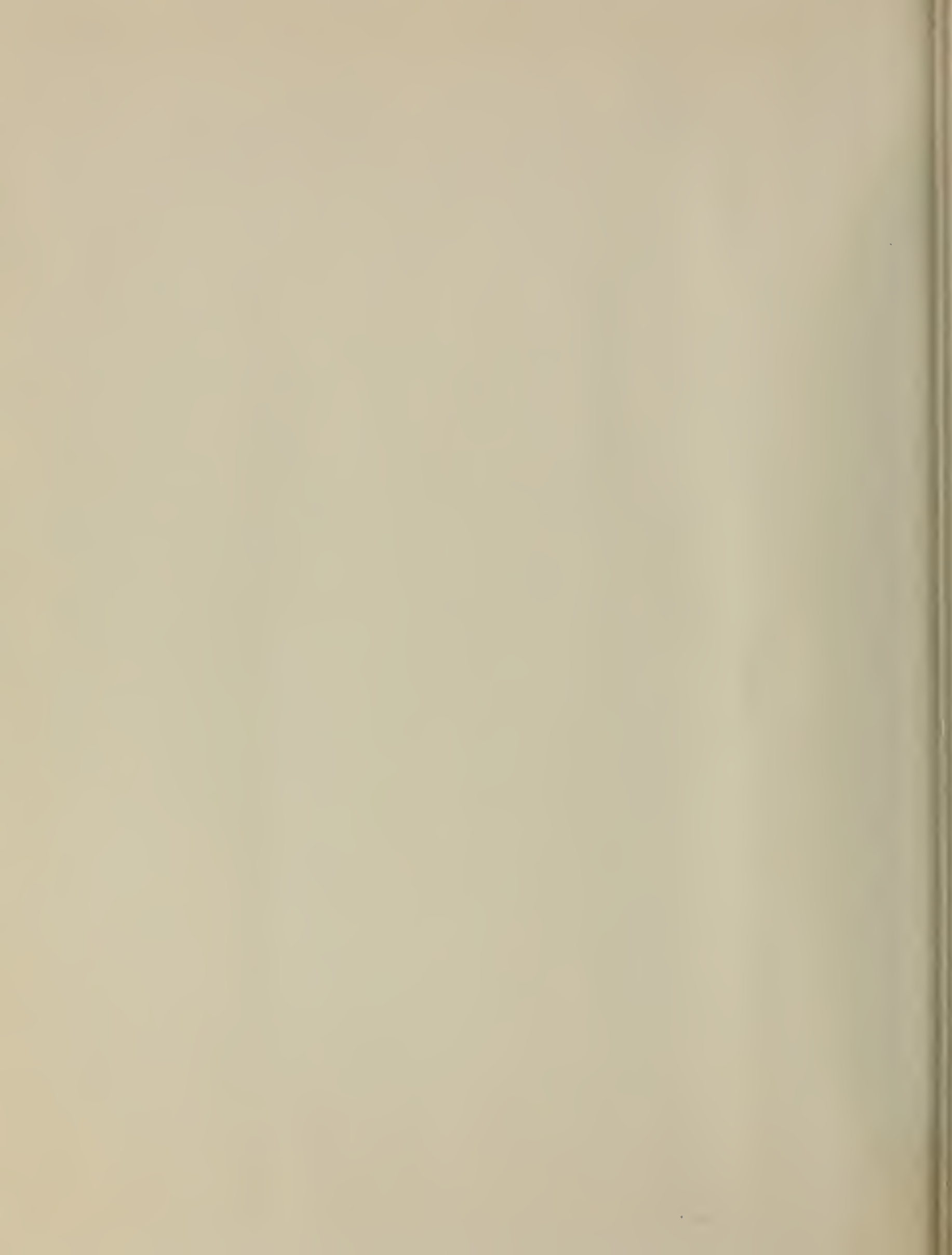
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